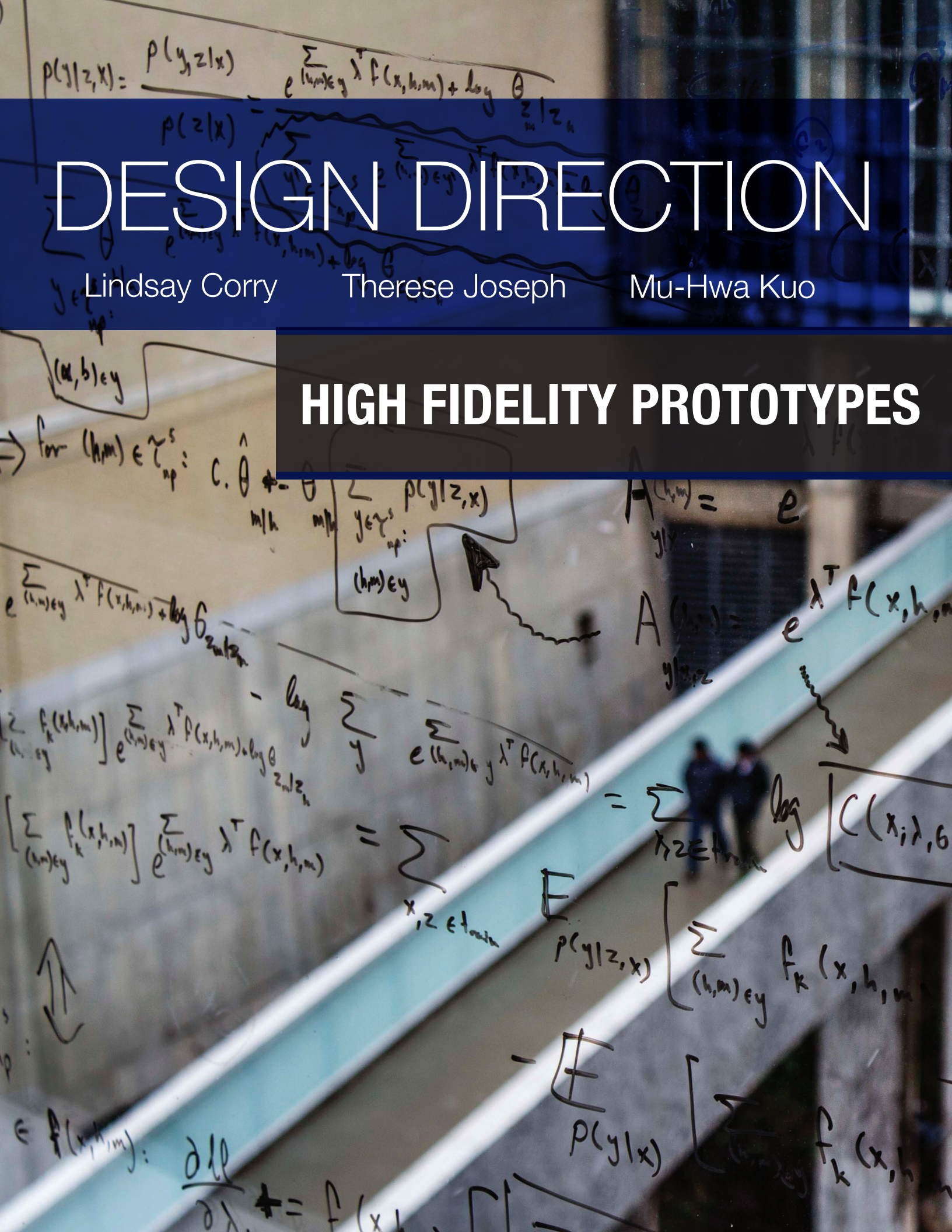


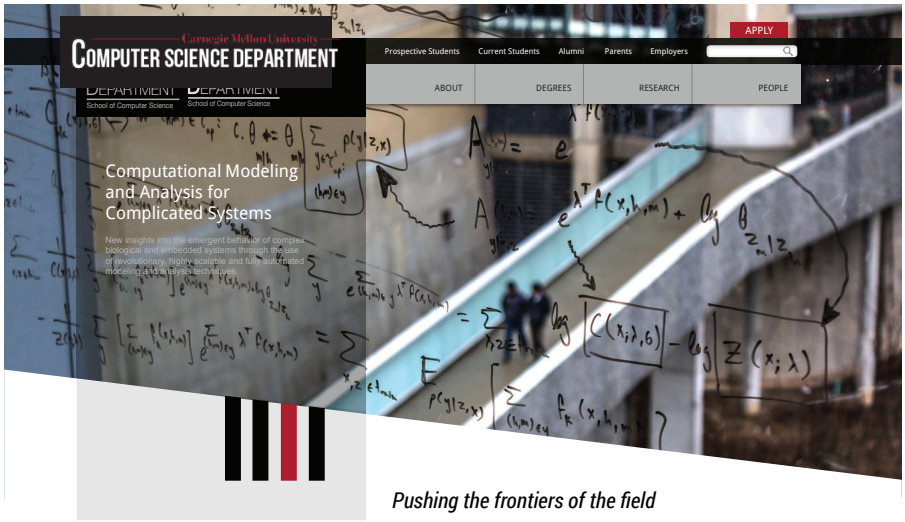
DESIGN DIRECTION

Lindsay Corry Therese Joseph Mu-Hwa Kuo

HIGH FIDELITY PROTOTYPES

We want to create a website that is easy to navigate while being aesthetically pleasing.

HOMEPAGE



Pushing the frontiers of the field

NEWS

announcement

The winners of the 2012 Turing Award, MIT's Shafi Goldwasser and Silvio Micali, have significant ties to Carnegie Mellon.

Carnegie Mellon Boosts Entrepreneurship Efforts By Merging Project Olympus and Don Jones Center.

national center for women & INFORMATION TECHNOLOGY

Carnegie Mellon University Joins National Effort to Increase the Number of Women in Computing.

EVENTS

May 16 — **CS Black Friday: General Meeting**
Friday 10:00am
6115 Gates&Hillman Centers

May 19 — **Hands-on Workshop on Computational Biophysics**
Monday 9:00am - Friday 5:00pm
300 South Craig Street

June 4 — **CS Faculty Meeting**
Wednesday 3:30pm - 5:00pm
6115 Gates&Hillman Centers

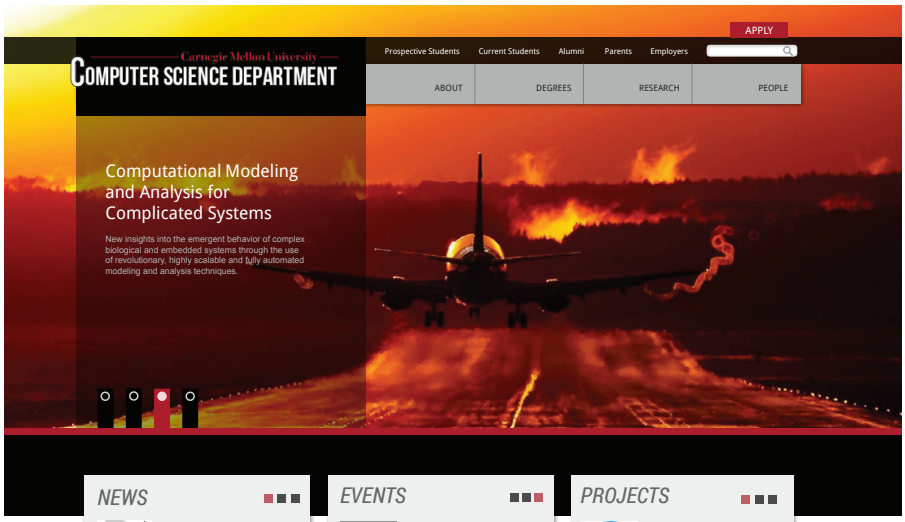
PROJECTS

Alice
Provides tools and materials for teaching and learning computational thinking, problem solving, and computer programming across a spectrum of ages and grade levels.

Pellentesque
Lorem ipsum dolor sit amet, consectetur adipiscing elit. In pellentesque orci quis odio commodo dapibus. Nam ornare placerat condimentum. Quam purus, cursus ut ligula in. bibendum

Proin Nec Eleifend Ligula
Nullam convallis nisl non nulla elementum viverra. Proin at rhoncus purus. Donec consequat feugiat sem ac blandit. Quisque vitae fringilla quam. Proin massa nisi, lacinia nec cursus eget, condi-

SCHOOL OF COMPUTER SCIENCE | CONTACT | PRESS | EMPLOYERSS | SITEMAP



NEWS

announcement

The winners of the 2012 Turing Award, MIT's Shafi Goldwasser and Silvio Micali, have significant ties to Carnegie Mellon.

Carnegie Mellon Boosts Entrepreneurship Efforts By Merging Project Olympus and Don Jones Center.

national center for women & INFORMATION TECHNOLOGY

Carnegie Mellon University Joins National Effort to Increase the Number of Women in Computing.

EVENTS

May 16 — **CS Black Friday: General Meeting**
Friday 10:00am
6115 Gates&Hillman Centers

May 19 — **Hands-on Workshop on Computational Biophysics**
Monday 9:00am - Friday 5:00pm
300 South Craig Street

June 4 — **CS Faculty Meeting**
Wednesday 3:30pm - 5:00pm
6115 Gates&Hillman Centers

PROJECTS

Alice
Provides tools and materials for teaching and learning computational thinking, problem solving, and computer programming across a spectrum of ages and grade levels.

Pellentesque
Lorem ipsum dolor sit amet, consectetur adipiscing elit. In pellentesque orci quis odio commodo dapibus. Nam ornare placerat condimentum. Quam purus, cursus ut ligula in. bibendum

Proin Nec Eleifend Ligula
Nullam convallis nisl non nulla elementum viverra. Proin at rhoncus purus. Donec consequat feugiat sem ac blandit. Quisque vitae fringilla quam. Proin massa nisi, lacinia nec cursus eget, condi-

SCHOOL OF COMPUTER SCIENCE | CONTACT | PRESS | EMPLOYERS | SITEMAP

We want to highlight research in a way that non-experts can connect.

APPLY

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

APPLY

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

- What Distinguishes Us
- History
- News + Events
- Contact

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

APPLY

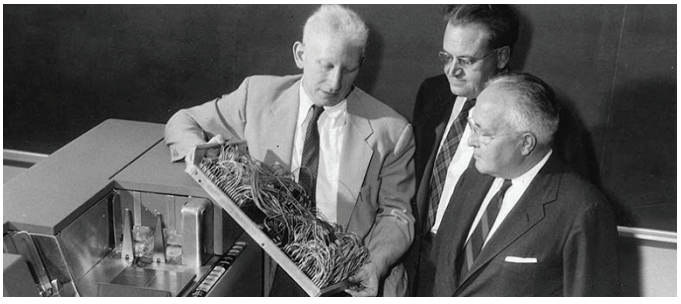
Carnegie Mellon University
COMPUTER SCIENCE DEPARTMENT

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

About

- What Distinguishes Us
- History
- News + Events
- Contact



History

"At Carnegie, everything was always very simple. We never really came across groups that were hostile to the computer or reluctant to apply it. Everybody at Carnegie accepted the value of a computer in their work... I've taken it for granted that computing is central and valuable and that its impact is going to continue to grow. I've taken that for granted. I haven't had to sell anybody that idea ... Computing at Carnegie Mellon evolved the way it should everywhere but doesn't. There was a confluence of minds, tools and problems, an absence of administrative blindness, and an appreciation of potential and consequences that spread far..."

APPLY

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

APPLY

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

- Undergraduate
  - Bachelors
  - Interdisciplinary Programs
  - Accelerated Programs
- Graduate
  - Masters
  - Ph.D.

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

APPLY

Carnegie Mellon University
COMPUTER SCIENCE DEPARTMENT

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

Degrees

- Undergraduate
  - Bachelors ▾
    - Overview
    - Deadlines
    - Curriculum
    - Transfers
    - Minors
    - F.A.Q.'s
  - Interdisciplinary Programs
  - Accelerated Programs
- Graduate
  - Masters
  - Ph.D.

Bachelors

The Bachelor of Science program in Computer Science combines a solid core of Computer Science courses with the ability to gain real depth in another area through a required minor in a second subject. In addition, there are numerous choices in the curriculum for science and humanities courses. As computing is a discipline with strong links to many fields, this provides students with unparalleled flexibility to pursue allied (or non-allied) interests.

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

APPLY
Prospective Students Current Students Alumni Parents Employers
ABOUT DEGREES RESEARCH PEOPLE

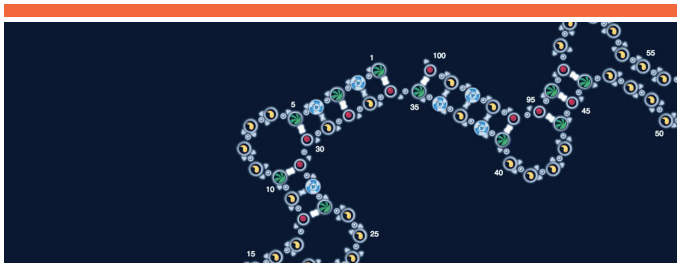
Areas of Research
Project Highlights
Publications
How To Do Research

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

Research

Areas of Research
Project Highlights
Publications
How To Do Research



Project Highlights

"At Carnegie, everything was always very simple. We never really came across groups that were hostile to the computer or reluctant to apply it. Everybody at Carnegie accepted the value of a computer in their work... I've taken it for granted that computing is central and valuable and that its impact is going to continue to grow. I've taken that for granted. I haven't had to sell anybody that idea ... Computing at Carnegie Mellon evolved the way it should everywhere but doesn't. There was a confluence of minds, tools and problems, an absence of administrative blindness, and an appreciation of potential and consequences that spread far..."

APPLY

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

APPLY

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

- Faculty
- Students
- Staff
- Student Groups

Computational Modeling and Analysis for Complicated Systems

New insights into the emergent behavior of complex biological and embedded systems through the use of revolutionary, highly scalable and fully automated modeling and analysis techniques.

APPLY

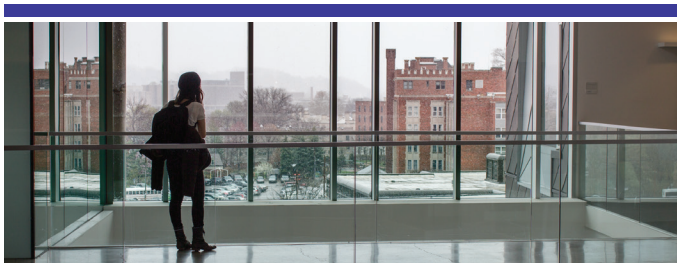
Carnegie Mellon University
COMPUTER SCIENCE DEPARTMENT

Prospective Students | Current Students | Alumni | Parents | Employers

ABOUT | DEGREES | RESEARCH | PEOPLE

People

- Faculty
- Students
- Staff
- Student Groups



Students

"At Carnegie, everything was always very simple. We never really came across groups that were hostile to the computer or reluctant to apply it. Everybody at Carnegie accepted the value of a computer in their work... I've taken it for granted that computing is central and valuable and that its impact is going to continue to grow. I've taken that for granted. I haven't had to sell anybody that idea ... Computing at Carnegie Mellon evolved the way it should everywhere but doesn't. There was a confluence of minds, tools and problems, an absence of administrative blindness, and an appreciation of potential and consequences that spread far..."

We want to show the world how awesome the Computer Science Department is.

Carnegie Mellon University

COMPUTER SCIENCE DEPARTMENT

COMPUTER
SCIENCE
DEPARTMENT

School of Computer Science

COMPUTER
SCIENCE
DEPARTMENT

School of Computer Science