

Eugene Luo

Contact

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<https://github.com/eyluo>
<https://eyluo.github.io>

Skills

Languages:

- C
- Python
- SML
- JavaScript
- Scala
- SQL
- SystemVerilog

Tools:

- Git
- Github
- React
- Scio
- GraphQL
- Apache Beam

Coursework

Completed:

- 15-213: Introduction to Computer Systems
- 15-150: Principles of Functional Programming
- 18-240: Structure/Design of Digital Systems

Current:

- 18-349: Introduction to Embedded Systems
- 15-210: Parallel & Sequential Data Structures & Algorithms
- 18-290: Signals & Systems

Education

Carnegie Mellon University
B.S. Electrical & Computer Engineering
Additional Minor in Business Administration
Pittsburgh, PA
GPA: 3.74/4.00
College of Engineering Dean's List, UAA All-Academic Recognition

Aug 16 - May 20

Experience

Software Engineering Intern

Honey Science Corporation | Los Angeles, CA

- Worked with backend and systems quality teams to update database infrastructure and pipelines.
- Updated React website components.

May 18 - Aug 18

Teaching Assistant: 15-213 Introduction to Computer Systems

Carnegie Mellon University | Pittsburgh, PA

- Taught computer system concepts including memory allocation, processes and threading to 60+ students in recitations.

Aug 18 - Present

Teaching Assistant: 15-112 Fundamentals of Programming & CS

Carnegie Mellon University | Pittsburgh, PA

- Mentored 50+ students over two semesters in project design.

Jan 17 - May 18

Frontend Developer

Carnegie Mellon Computer Science Academy | Pittsburgh, PA

- Worked with design team to write frontend IDE components.

Aug 17 - Dec 17

Projects

GigHub Concert Planner

- Built a web-app to plan trips through Google + Bandsintown APIs by searching for artists, venues, and cities.

Feb 18

TrailerVR

- Developed an app with Google Cardboard and Vuforia API to project a film's info and trailer onto a poster of the film.
- F16 Hack112 Grand Prize.

Nov 16

Activities

Varsity Swimmer

Carnegie Mellon University

- 2017 UAA Conference Team Member.

Aug 16 - Present

President

Plaidvocates

- Organized wellness events for student-athlete community.

Aug 17 - Present

Student Advisory Council Chair

Electrical & Computer Engineering Department

- Organized destress events and town hall for ECE Department.

Aug 18 - Present