

CONTACT

✉ eug@cmu.edu
🌐 eyluo.github.io
📞 813-220-4989
in linkedin.com/in/eyluo
🔗 eyluo

SKILLS

LANGUAGES	TECHNICAL
C	Git/GitHub
Python	React
SML	Scio
JavaScript	GraphQL
Scala	Apache Beam
SQL	HTML/CSS
SystemVerilog	jQuery

COMPLETED COURSEWORK

15-213: Introduction to Computer Systems

15-150: Principles of Functional Programming

15-122: Principles of Imperative Programming

18-240: Structure & Design of Digital Systems

CURRENT COURSEWORK

15-210: Parallel & Sequential Data Structures & Algorithms

18-349: Introduction to Embedded Systems

18-290: Signals & Systems

AWARDS

College of Engineering Dean's List Aug. 2017
Carnegie Mellon University
Awarded to students in the College of Engineering with at least a GPA of 3.75/4.00 or above.

UAA All-Academic Recognition April 2018
University Athletic Association
Awarded to student-athletes in the UAA Conference with at least a year of study and a GPA of 3.30/4.00 or above.

1st Place Hack112 Hackathon Nov. 2016
15-112
Received grand prize at Hack112 for TrailerVR.

EDUCATION

Carnegie Mellon University · Aug. 2016 - May 2020
B.S. Electrical & Computer Engineering
Additional Minor in Business Administration
Pittsburgh, PA
GPA: 3.74/4.00 - College of Engineering Dean's List F16, S17

EXPERIENCE

Honey Science Corporation
Software Engineering Intern · Los Angeles, CA · May 2018 - Aug. 2018
Worked on fullstack development with Honey's Product Team.
Frontend - updated website React components to hit new GraphQL API endpoints for both Droplist and search functionality.
Backend - by coordinating with systems quality team to centralize store information in Google Cloud Spanner. This was accomplished by **analyzing data in SQL** to identify flaws with observed data, **writing shell scripts** to update existing table schemas and populate information, and **modifying data pipelines in Scala and the Scio wrapper** to fetch new information from updated tables.

Carnegie Mellon School of Computer Science
Teaching Assistant for 15-213: Introduction to Computer Systems · Pittsburgh, PA · Aug. 2018 - Present
Taught basic computer system concepts, including data representation, assembly, caching, processes, memory allocation, networking and threading.

Teaching Assistant for 15-112: Fundamentals of Programming & CS · Pittsburgh, PA · Jan. 2017 - May 2018
Mentored 50+ students on project design for term project and Hack112.
Taught foundational elements of programming, including big-O, graphics, recursion, object-oriented programming, top-down design and computational thinking in recitations and group review sessions.

Frontend Developer for Computer Science Academy · Pittsburgh, PA · Aug. 2017 - Dec. 2017
Developed navigational and sidebar components for CS Academy's pilot program.
Worked with design team to build prototype IDE components using React, Redux and Bootstrap.

PROJECTS

GigHub Concert Planner · Feb. 2018
Built a webapp to search for musicians, find nearby venues, and get options for traveling and lodging. Frontend built in Bootstrap and backend utilized Google Maps & Bandsintown APIs, with both ends connected via Flask.

TrailerVR · Nov. 2016
Built a program that uses Google Cardboard and Unity Engine with the Vuforia API to project a movie's trailer, cast, and other information onto a poster of the film in virtual reality. Won First Place at Fall 16 Hack112.

ACTIVITIES

Carnegie Mellon Varsity Swimming & Diving Team · Aug. 2016 - Present
Traveling Member
Competed at the Division III level of NCAA for two years.
Scored for Carnegie Mellon's 2017 UAA Conference Team.

Plaidvocates · Aug. 2017 - Present
President
Served as a liaison between sports medicine department and student-athlete community to promote general wellness, positive team culture, and healthy relationships.
Organized Labor Day Sexual Assault Prevention workshop and other informational seminars for student-athletes to help them better understand their roles as leader on campus.

ECE Student Advisory Council · Aug. 2018 - Present
SAC Chair
Planned town halls, pride day, and destress events for ECE students, faculty and staff to improve the ECE experience.

Orientation · Aug. 2017 - Present
Orientation Counselor
Provided mentorship and guidance to a floor of 30+ incoming first-year students by holding social events and informational seminars.