

Eugene Luo
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Education

Carnegie Mellon University | Pittsburgh, PA
Bachelor of Science in Electrical and Computer Engineering
GPA: 4.00/4.00 | College of Engineering Dean's List

Expected Graduation: Dec. 2019

Relevant Coursework

Principles of Imperative Programming	Structure and Design of Digital Systems
Introduction to Computer Systems	Principles of Functional Programming

Technical Skills: Python, JavaScript/Node.js, React, HTML/CSS, C, SystemVerilog

Awards & Honors: College of Engineering Dean's List Fall 2016, Spring 2017, 1st place
Fall 2016 Hack112 Hackathon, 1st place Fall 2016 112 Puzzlehunt

Work Experience & Projects

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|---|------------------------------|
| Frontend Developer for Computer Science Academy Carnegie Mellon University | Fall 2017 – Present |
| <ul style="list-style-type: none">- Developing the user interface and frontend components for the pilot program of a free, online, auto-graded curriculum to teach high school students programming. Worked with design team to build IDE components from the ground up in React.- Source: http://www.cs.cmu.edu/~539/ | |
| Teaching Assistant for 15-112 Carnegie Mellon University | Spring 2017 |
| <ul style="list-style-type: none">- Taught Python and mentored 50+ students on programming and computational thinking, with emphasis on top down design, informal analysis, and problem solving.- Source: https://www.cs.cmu.edu/~112/ | |
| Programmer for Drone Navigation Engineers Without Borders | Fall 2017 - Present |
| <ul style="list-style-type: none">- Writing algorithms for drones to analyze crop fields and optimize harvest methods.- Source: https://github.com/Rip-Lyster/EWB-Drones-Navigation | |
| Concert Planner: the Louvre Personal Project | Summer 2017 - Present |
| <ul style="list-style-type: none">- Currently building a web-app to search for musicians, find the nearest venues, and get options to travel or find lodging through Google Maps API and Bandsintown API. | |
| TrailerVR Fundamentals of Programming and CS Hack112 | Fall 2016 |
| <ul style="list-style-type: none">- Focused on designing and testing virtual reality program for Hack112. Utilized Google Cardboard and the Unity Engine to project movie trailers onto posters in virtual reality.- Source: https://youtu.be/EKhW0oqXIM0 | |

Activities

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| Varsity Swim Team Carnegie Mellon University | Fall 2016 - Present |
| <ul style="list-style-type: none">- Second-year student-athlete competing at the Division III level of NCAA- Scoring member of the 2017 UAA Conference Team | |
| Plaidvocates | Fall 2017 - Present |
| <ul style="list-style-type: none">- Organized informational seminars for student athletes about wellness and mental health | |
| Extracurricular | Fall 2017 - Present |
| <ul style="list-style-type: none">- Teaching a Spring 2018 Student College course on Kanye West- Orientation Counselor for Carnegie Mellon Class of 2021+ | |