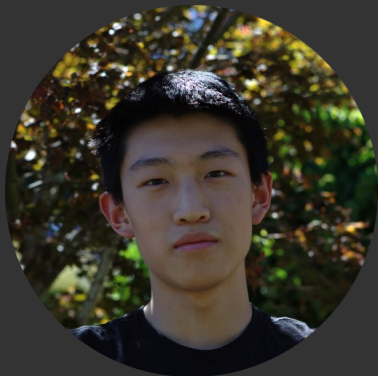


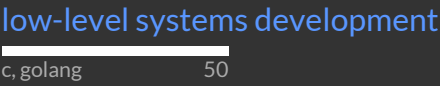
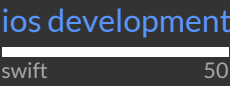
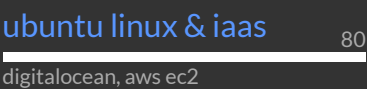
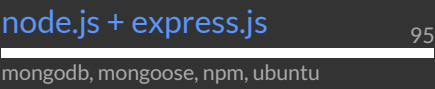
terrance li

august 5th, 2018



terranceli.com

skills summary



contact

email: tyli@uw.edu

linkedin

linkedin.com/in/terrance-li

full stack developer & research intern

objective

Seeking a summer internship to work on real-world projects and research.

summary

As a student developer, I am driven and motivated in the field of computer science and software development. Starting in elementary school, I have self-learned many languages and skills to come to where I am today. I love to learn new things, and I do so very quickly.

education

Newport High School — Senior Year

GPA: 4.0, National AP Scholar, AP Scholar w/ Distinction

awards and honors

- 2018 Exsilio Ready Hacker One Hackathon 2nd Place
- 2018 Intel ISEF Finalist & 3rd Grand Award in Materials Science
- 2018 Intel ISEF Air Force Research Laboratory 1st Place in Materials Science
- 2018 Washington State Science and Engineering Fair Silver Medal
- 2018 CSRSEF Biomedical Engineering & Materials Science 2nd Place
- 2017 PSCSTA Winter Programming Competition 1st Place
- 2017 TeamsCode Fall Programming Competition 2nd Place
- 2017 Intel ISEF Finalist
- 2017 Central Sound Regional Science & Engineering Fair ASM Award
- 2017 Central Sound Regional SEF 1st Place in Materials Science

experience

Team Llambda: Full-stack Developer (Jul. 2018-current)

- Work on team projects and contract apps with clients, such as the Bellevue Badminton Club and the Bellevue School District
- Develop a user-friendly web-app for the Bellevue Badminton Club to replace an aging court rotation system and integrate with existing corporate infrastructure
- Develop a frontend Gradebook user interface for the Bellevue School District and integrate with existing backend infrastructure

UW CSE Systems Laboratory: Research Intern (Jun. 2017-current)

- Learn how to code and modify basic operating systems in C
- Extract useful data from the kernel and visualize with JS
- Visualize memory maps and B-tree filesystems using D3.js

UW Physics Xu Laboratory: Research Intern (Oct. 2015-current)

- Fabricate 2D nanodevices using industry-standard techniques such as mechanical exfoliation, electron-beam lithography, and metal evaporation and liftoff
- Research exotic properties of 2D materials such as WSe<sub>2</sub>
- Contribute research to publications in scientific journals

aspace, Inc.: Lead Mobile Developer (May-Sep. 2017)

- Develop applicant layer logic for native (iOS and Android) mobile apps
- Design and implement native user interfaces (Material and flat design)
- Assist in backend logic, database management, and RESTful API development

Team Phoenix: Lead Android Developer (Nov. 2016-Dec. 2017)

- Frontend development for Android projects
- Assist in backend logic, database management, and RESTful API development
- Assist in graphic design and web design

notable projects

protecc: simplify group travel with real-time location tracking and automated headcounts

gradebook: a frontend gradebook user interface for the Bellevue School District

aspace: an app that guides drivers to open parking spots nearby, saving time and energy.

newport math club: an end-to-end platform for the Newport High School Math Club that tracks meetings, attendance, and members as well as registration, and data entry for the prestigious Knights of Pi Math Tournament (KPMT).