

En Ming (Bill) Liu

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Education

University of California, Los Angeles (UCLA)

Bachelor of Science, Mathematics of Computation

Los Angeles, CA

Jun 2022

Colonel By Secondary School

International Baccalaureate Diploma

Ontario Secondary School Diploma

Ottawa, ON

May 2018

Jun 2018

Experience

Logos

Software Development Intern

Los Angeles, CA

Oct 2018 – Present

- Part of team developing mobile application using machine learning and natural language processing to socially engineer high-quality diverse news content
- Performed front-end iOS mobile development using Swift and JavaScript
- Worked on back-end databases with Firebase

Appeel International

VP of Design

Ottawa, ON

Nov 2017 – Jul 2018

- Managed design team for student-run non-profit company distributing accessories to local students and the community
- Built and maintained website dedicated to marketing and social media interaction
- Surpassed revenue goals and generated over \$1,000 towards the Ottawa Network for Education

Skills

Programming Languages: HTML/CSS, JavaScript, C++, Java, Python, Swift, Unity/C#

Software: Microsoft Office Suite, Adobe Photoshop, Adobe Illustrator

Languages: English, French, Mandarin

Projects

GravityFall

Unity/C#

Multiplayer platformer game built in Unity with C# in 12 hours during Hack on the Hill V @UCLA. Winner of the Best Game category at HOTH V.

Available on GitHub.

github.com/eptagoras/GravityFall

Micromouse

C++

Autonomous robot programmed to find the center of a 16x16 maze. Employed skills such as soldering, designing PCBs, and maze-solving algorithms

Available on GitHub.

github.com/eptagoras/micromouse

Personal Website

HTML/CSS

Developed personal website hosting contact information, resume, and additional details about my projects.

enming.gq

SpaceShump

Java

Built a space-themed Shoot-'Em-Up game applet in Java for a summative Computer Science project.

Available on GitHub.

github.com/eptagoras/SpaceShump

Awards and Certifications

Apr 2017 & 2018 **Educational Computing Organization of Ontario (ECOO) Programming Contest Finalist**, recognized for qualifying for the provincial finals in the ECOO Programming Competition.

Dec 2017 **Diplôme d'études en langue française (DEL F) Level B2**, recognized for obtaining Level B2 in the DEL F French Examination.

Nov 2017 **Computer Science Subject Award**, recognized for outstanding achievement in an introductory computer science course.

Mar 2017 **1st Place in Ivey High School Business Case Competition**, recognized for winning the 2nd Annual Ivey High School Business Case Competition.