Peng Luo

Irvine, CA | (858) 203- 8254 | pluo0462@gmail.com

SUMMARY:

Self-motivated Math-Computer science undergraduate with abundant academic experience in C and C++ coding and as well as experience writing simple C# programs. With experience in programming, data analytics, and various computer programs.

PROFESSIONAL PROFILE:

- Academic experience in C, C++, CUDA, JavaScript, HTML, and CSS - used these languages to complete complex classwork and projects.
- Self taught C# and WPF - and used these to write simple programs and currently writing a small program for note-taking.
- Leveraged Python throughout classwork projects, and internships.
- Strong sense of curiosity in new technologies and adept at learning new technologies.
- Persistence in solving hard problems - ability to problem solve, and troubleshoot through patience, analytical thinking, and organization.
- Enthusiastic about optimization after coming up with a workable solution.
- Able to design and automate unit tests and have experience in implementing tests by Jest.

SKILLS:

Technical Skills: C, C++, CUDA, JavaScript, html, CSS, JEST, WPF
Soft Skills: Analytical Thinking, Organization, Time Management, Detail Oriented
Languages: Native Chinese, Fluent English

EDUCATION:

University of California San Diego June 2023
BS in Mathematics - Computer Science, BS in Bioengineering: Biotechnology | 3.7 GPA

PROJECT EXPERIENCE:

ProSeed-Smart-Calendar | UC San Diego Fall 2022

- Front-end group project in CSE110 class. Created a calendar website that has memo capabilities.
- PERFORMED Automation of unit test, E2E test, and documentation using Jest, Puppeteer, and JSDoc.
- Completed automation via Github Action. A prototype of the website was created at the end of the class.

RELEVANT COURSEWORK:

CSE 120: *Principles of Computer Operating Systems* | Computer Science and Engineering Winter 2023

- Implemented multi-thread functions in an OS using C

CSE 110: *Software Engineering* | CSE Fall 2022

- Constructed a simple software project using JavaScript with classmates.
- Developed in an agile fashion and an automated test was implemented using Jest

CSE 100: *Advanced Data Structures* | CSE Winter 2022

- Implemented algorithms using C++, particularly graph algorithms like Dijkstra.

Experience:

MOYI Tech - *Data Analyst Intern* | Remote Position June 2022 to August 2022

- Interpret the dataset with statical models provided by the company.
- Modify the dataset to be suitable for the NLP algorithm