Mina Kim

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EDUCATION

Duke University   2020 – **May 2023**

B.A. Computer Science — GPA: 3.96/4.0   *Durham, NC*

- ♦ Activities: Catalyst Tech Society • DTech • Apple Women in Science & Engineering Mentorship (AWSEM)

Thomas Jefferson High School for Science and Technology (TJHSST)   2015 – 2019

High School Diploma   *Alexandria, VA*

- ♦ Coursework: Artificial Intelligence • Mobile/Web Development • Multivariable Calculus/Linear Algebra

Coursework: Intro to Database Systems • Computer Architecture • Program & Data Representation • Software Development Methods • Discrete Mathematics

EXPERIENCE

Fidelity Investments   Jun 2021 – Aug 2021

LEAP Software Engineer Intern (Asset Management)   *Durham, NC*

- ♦ Coordinated with business analysts, end users and stakeholders to gather business requirements for an application to analyze productivity metrics and determine need for automation.
- ♦ Developed Python script to periodically show tasks personalized to employees as part of automatic and interactive to-do list scheduler, using OAuth, REST API and Autosys.
- ♦ Gained experience with Jenkins for automation and continuous integration/deployment (CI/CD), and Agile/scrum development processes.

Metron, Inc.   Jun 2020 – Jul 2020

Software Developer Intern (Unmanned Systems)   *Reston, VA*

- ♦ Developed real-time user interface to facilitate tracking of unmanned underwater vehicle (UUV) movements, using Java Swing. Added features to support user preferences using XML.
- ♦ Implemented an attitude indicator to improve user experience and provide visual connection to UUV.
- ♦ Adapted to agile project management & developing in a VirtualBox/Unix environment.
- ♦ Presented live demonstration of implemented features to division lead and engineers.

Project CODEt (non-profit)   Jun 2016 – Apr 2018

Curriculum Team Member   *Alexandria, VA*

- ♦ Partnered with teachers in Kenya to create Java/Python curriculums and workshops for students in Kenya interested in STEM.
- ♦ Raised over $400 for laptops to donate to Kenya in 2018.

PROJECTS/SKILLS

Reddit Bot   2020

- ♦ Designed and implemented automatic Reddit bot to scrape data and provide a concise summary of key information, using PRAW API and Python.

Mini-Amazon   2020

- ♦ Co-built functional e-commerce website modeled after Amazon to gain experience with MERN (MongoDB, Express, React, NodeJS) stack.

Sudoku Solver   2019

- ♦ Built sudoku solver in Python. Implemented optimizations to speed up runtime by 99.6%.

Languages Java • Python (proficient) • C++ • HTML• CSS • JavaScript • SQL • C (familiar)