

Joon Kim

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Passionate about frontend and backend software development and eager to work with like minded team members

EDUCATION

University of Virginia, Charlottesville Virginia

08/2019 – Present

B.S. Computer Science Candidate

Expected graduation: May 2022

Relevant Courses: Program and Data Representation, Discrete Mathematics, Linear Algebra, Data Structures, Theory of Computation, Advanced Software Development, Digital Logic Design, Algorithms, Computer Architecture, Artificial Intelligence, Probability

PROJECTS

Solar Car Team Telemetry System

2019 - Present

- Development of telemetry hardware using Xbee radio modules and Arduino/Teensy microcontroller boards
- Development of telemetry web applications used to track and analyze measured data from the solar car

Find a QT, A Forum Based Tutoring Web Application

2019 - 2020

- Managed development workflow and team engagement as team Scrum Master
- Integrated and managed Heroku, Travis-CI, and PostgreSQL database system as team DevOps Manager

Personal Website

August 2020

- Utilized HTML, CSS, and Bootstrap elements to design and create a fully responsive personal web page

Coop, A Note Sharing Web Application

March 2020

- Researched and utilized Django with a team of 3 and designed the UI using Bootstrap

WORK EXPERIENCE

SAS Analytics

Cary, NC

Software Engineer Intern

05/2021 - 08/2021

- Researched GoJS and Typescript to develop overview map and sticky note features for SAS Studio Flow
- Participation in agile environment with full involvement in UX design, development, theming, testing, and release of features

Giant Food

Fairfax, VA

Team Member

05/2020 – 08/2020

- Actively formed relationships with customers to encourage them to return and generate repeat business
- Engaged customers in special promotions to support the USO, Pediatric Cancer Campaign, and more
- Assisted customers by providing information and resolving their complaints to ensure satisfaction

LEADERSHIP

Co-Leader of Telemetry Subteam, Solar Car Team at UVA

2020 - Present

- Administered workflow of Telemetry software development process, communicated with other subteam leaders to elicit and maintain necessary software and hardware requirements
- Actively recruited new members and helped teach telemetry and software concepts relating to the project.

Treasurer, Korean American Student Association

2018 - 2019

- Influenced executive decisions by providing advice from a financial standpoint
- Communicated with local businesses to help plan club fundraisers and events
- Managed the club bank account and venmo while keeping a record of all club disbursements and earnings

Co-founder and Treasurer, Connect Volunteering Club

2016 - 2018

- Actively reached out to recruit new members
- Planned and attended outreach events such as distributing food to low-income families

PROGRAMMING SKILLS

Python, Excel, Github, Git, HTML, CSS, C++, Java, Javascript, Django, MATLAB, LaTeX, Socket.IO, Bootstrap, Flask, SAS, Typescript, GoJS