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

PROJECTS

Solar Car Team Telemetry System   2019 - Present
- Worked with a team of 4 to administer full-stack development of telemetry web applications used to display measured data from the solar car, enabling further data analysis by the rest of the team
- Assisted with development of telemetry communication hardware involving Xbee radio modules

Find a QT, A Forum Based Tutoring Web Application   2019 - 2020
- Managed development workflow and team engagement of 4 people as team Scrum Master
- Integrated and managed Heroku, Travis-CI, and PostgreSQL database system as team DevOps Manager

Coop, A Note Sharing Web Application   March 2020
- Researched and utilized Django with a team of 3 to develop hackathon project that features collaborative note sharing between users

WORK EXPERIENCE

SAS Analytics   Cary, NC
Software Engineer Year-round Intern   05/2021 - Present
- Researched GoJS and Typescript to develop overview map and sticky note features for SAS Studio Flow
- Participation in an agile environment with full involvement in UX design, development, theming, testing, and release of features.
- Fully integrated and released features as part of SAS Studio used by many customers worldwide

Giant Food   Fairfax, VA
Team Member   05/2020 – 08/2020
- Assisted, resolved inquiries, and actively formed relationships with customers to generate repeat business
- Individually raised over $300 in donations by engaging customers in promotions to support the USO, Pediatric Cancer Campaign, and more

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 and expectations
- Actively recruited new members and helped teach telemetry and software concepts relating to the project

***Treasurer,* Korean American Student Association**   2018 - 2019
- Maintained an in depth financial record of expenditures and oversaw the club's $2,700 budget
- Collectively raised over $870 from various club fundraisers and events

***Co-founder and Treasurer,* Connect Volunteering Club**   2016 - 2018
- Actively reached out to recruit new members and contacted local organizations to plan potential events
- Organized and attended outreach events such as distributing food to low-income families

PROGRAMMING SKILLS

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