Seungeon(Sean) Kim

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Website: https://seungeonk.github.io/
GitHub: https://github.com/seungeonK

EDUCATION

University of Virginia - Charlottesville, VA — Aug 2020 - *Expected May 2022*
Bachelor of Arts in Computer Science
Cumulative GPA: 3.85/4.0
***Relevant Coursework*:** Algorithms, Computer Architecture, Advanced Software Development, Data Structures, Theory of Computation, Cloud Computing, Programming Languages for Web Development, Database

Thomas Nelson Community College - Hampton, Virginia — *Feb 2018 – May 2020*
Associate of Science in Computer Science
Cumulative GPA: 3.95/4.0

SKILLS

Programming Languages: Python, JavaScript, HTML, CSS, C++, PHP, SQL

Database: MongoDB, PostgreSQL, Redis

Tools: AWS(S3, EC2, Lambda), VSCode, Git, Docker

Frameworks: Bootstrap, Angular, React, Django, Flask, Express.js, Redux

RELEVANT EXPERIENCE

Virginia Tech – Full Stack Engineer Intern — Blacksburg, Virginia | *June 2020 – Aug 2020*

- Designed web-based user experience in HTML, CSS, JavaScript, Flask and RedisDB
- Implemented CRUD operations to enable users to input, edit and simulate codes on a web browser
- Source Code: https://github.com/pcagas/hyde

Virginia Tech – Research Assistant — Blacksburg, Virginia | *June 2019 – Aug 2019*

- Participated in open-source project for simulating plasma data
- Developed UNIX command-line tool to enable to visualize astronomical data
- Source Code: https://github.com/ammarhakim/postgkyl/blob/master/postgkyl/output/blot.py

PROJECTS

Budget Manager Project — *Dec 2021 - Present*

- Used React, Material UI, Express.js, MongoDB to manage and keep track of expenditure
- Collaborated with UX designer to accomplish front-end objectives
- Designed custom APIs to enhance fast data transfer from front-end to back-end

Memory Creator Project — *Nov 2021 – Jan 2022*

- Developed a memory card creator to
- Used React, Express.js and MongoDB and deployed with Heroku/Netlify
- URL: https://seungeonk-memories.netlify.app/

Roommate Finder Project — *Feb 2021 – May 2021*

- Collaborated with a 5-person team to develop web application that helps university students to find roommate more easily, filter through locations and individuals' preferences.
- Adopted agile workflow for quick and efficient development using HTML, CSS, JavaScript, Django, PostgreSQL
- Ensured efficient web development by writing unit tests and utilizing continuous integration service(TravisCI)