

Seungeon Kim

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GitHub: <https://github.com/seungeonK>

EDUCATION

University of Virginia, Charlottesville, VA
Bachelor of Arts in Computer Science

Expected May 2022

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

Associate of Science in Computer Science

Cumulative GPA: 3.95/4.0

SKILLS

Skills: Web Development, Data Analysis, Software Development, Bash

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

Database: MongoDB, PostgreSQL, Redis

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

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

World Languages: Proficiency in English, Japanese, Native in Korean

RELEVANT EXPERIENCE

Memory Creator Project

Winter 2021

- Developed [website](#) to make, modify and delete memory cards
- Used React, Express.js and MongoDB and deployed with Heroku/Netlify
- URL: <https://seungeonk-memories.netlify.app/>

Budget Manager Project

Winter 2021

- Used React, Material UI, Express.js, MongoDB to manage expenditure
- Collaborated with UX designer to implement backend functionalities

Roommate Finder Project

Spring 2021

- Developed [web application](#) for University of Virginia students who are looking for a house to live
- Tested and helped application run automatically using Git, Heroku, TravisCI as a role of DevOps
- URL: <https://pure-reaches-12380.herokuapp.com/>

Virginia Tech Plasma Computational Lab – Full Stack Developer

Summer 2020

- Designed [web-based user experience](#) for plasma physics simulation software
- Programmed using HTML, CSS, JavaScript, Flask and RedisDB
- Implemented CRUD operations so users can create, update, delete and run simulations of plasma data
- Source Code: <https://github.com/pcagas/hyde>

Virginia Tech Plasma Computational Lab – Research Assistant

Summer 2019

- Participated in an open-source plasma physics data simulation project
- Created application leveraging Bokeh, Python plotting library
- Compared/Analyzed with application made with Matplotlib in terms of time and space efficiency
- Source Code: <https://github.com/ammahakim/postgkyl/blob/master/postgkyl/output/blot.py>

ADDITIONAL EXPERIENCE

Server, [Doma-Korean Kitchen](#), Charlottesville

April 2021-Present

- Communicated clearly and positively with coworkers and management
- Maintained high standards of customer service during high-volume, fast-paced operations

Undergraduate Teaching Assistant - Korean Language

Fall 2021-present

- Helped students understand written/spoken Korean
- Held office hours to answer any questions from student