

Sung Joon Park

Student & Software Developer

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EDUCATION

University of Virginia – BS Computer Science, BA Statistics

May 2021

GPA: 3.69

Charlottesville VA

Classes: CS4501 Computer Vision, CS4774 Machine Learning, CS3330 Computer Architecture, CS3240 Adv. Software Dev, CS4501 Internet Scale Applications, CS4102 Algorithms, CS2150 Data/Program Rep., CS2110 Software Development Methods

Thomas Jefferson HS for Science & Technology

Jun 2017

GPA: 4.17

Alexandria VA

EXPERIENCE

Volkswagen Credit (VCI) – Software Developer Intern (Mobility Team)

May – Aug 2019

Integrated and automated deployment of VCI **React** applications with **Docker**, **AWS** (ECR, ECS Fargate, RDS, CloudFormation, CloudFront, CloudWatch, S3, Lambda) and **ConcourseCI**. Presented a proof of concept using **Kubernetes & AWS EKS**.

Ridgeback Network Defense - Remote Javascript Developer Intern

Aug 2018 – Apr 2019

Worked on the visualization portion of the network graph on the Ridgeback-hunter platform using vis.js and helped deploy 13 new network data visualization widgets using d3.js. Gained experience using pure Javascript.

Tucows - Software Engineering Intern

Jun - Aug 2018

Built microservices for company's backbone using **jQuery**, and **Python**.

1) OrgLink (for recruiters): compiled and cleaned all employee data which was set for automation on the employee tree structure. Used Python and scripts for automation.

2) Schmeduler-UI: added user functionalities to online database for tech installation teams. Gained experience with jQuery.

Hackville (Launch) - Software Engineering Intern

May - Jun 2018

5-week training program developing functional web applications/software using **React**, **Firebase**, and **REST APIs** in teams using agile development techniques. Deployed 3 websites. Gained experience with React.

PROJECTS (GitHub)

ShareIt: 3 tier e-commerce site

-Tools: Django, Docker, Elasticsearch/Kafka, Haproxy, Selenium, Nginx, TravisCI
URL: <https://github.com/sp3bk/cs4501-internet-scale>

Trenchtek: company-client

platform interaction platform
-Worked on the discussion forum and the user directory

Tools: React, Firebase
URL: <https://trenchtek.firebaseio.com>

Skill Matcher: skill matching platform for UVA students

-Worked on user functionalities
-Tools: Django, Heroku, TravisCI
URL: <https://lucky-13.herokuapp.com/home/>

TECHNICAL SKILLS

Languages

Python, Javascript, Java, C++, R

Tools

AWS, Docker, Kubernetes, Git, Linux

Frameworks

React, Django, vis.js, d3.js

Learning:

Pandas, Numpy, Sci-kit learn

ACTIVITIES

Published Author of Poetry Book, "Searcher of the Heart"

2015-Pres.

Sold over 20 copies within my community/church. Raised \$400 intended for charity.

Site: <https://searcher-apblog.jimdo.com/>