Joshua Park
Full Stack Software Engineer

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CORE COMPETENCIES

Operating System Design | Data Structures | Evolutionary Machine Learning | Analysis of Algorithms
Social Media & Data Mining | Application Development

PROFESSIONAL EXPERIENCE

Docusign   **February 2022 - September 2022**
Full Stack Software Engineer (Remote)
Collaborated with other engineers, product owners, and designers to identify and solve challenging problems in an Agile environment.

- Authored clean, concise, readable code in C# backend, SQL stored procedures, and React frontend/UI, writing unit and integration tests that ensured new procedures were working as intended.
- Assisted in developing RESTful API endpoints that served data to a Javascript frontend, which was also utilized by other teams within the company.
- Routinely provided enhancements to small projects and processes, delivering code multiple times throughout the week.
- Prepared and defined technical designs for assigned tasks and projects.
- Related Technologies: C#, React.js, SQL, ASP.NET MVC, REST API Development, Test Driven Development

J One Trading Inc, Los Angeles, CA   **January 2021 - January 2022**
SEO Specialist

- Designed and managed an E-Commerce website, making use of Amazon Pay and Stripe as payment gateways.
- Wrote scripts using Amazon Marketplace Web Services to simplify management of product inventory on Amazon.
- Implemented an algorithm to automate keyword bidding on Amazon's internal advertising platform, keeping advertising cost to a minimum.

Jireh Clothing, Los Angeles, CA   **June 2019 – August 2019**
Software Developer Intern

- Created an application that automated shipping fulfillment to streamline business flow, allowing for resources to be allocated elsewhere.
- Processed through 2000+ orders every day, improving on-time shipping rate and validating customer information.
- Related Technologies: UPS API, USPS API, Gmail API, and Microsoft office API, Node.js

Syracuse University, Syracuse, NY   **June 2018 – August 2018**
ECS Research Summer Intern

- Redesigned and developed a communication protocol for the exchange of electrical power between the electrical grid and electric vehicles, displaying data in real time.
- Tested negotiation platform on Raspberry Pis, using a TCP communication protocol to be scalable.
- Related Technologies: Java, TCP/IP protocols networking.

PROJECTS

NearMe (Group: 3, Capstone Project) -- https://github.com/joshuapark99/NearMe
- Related Technologies: Swift, MapKit, Firebase
- Collaborated with other students in design, implementation, and deployment of an iOS application using the Agile methodology.
- Utilized Core Data to map location objects into internal memory store.
- Showed saved locations on an interactive map.
- Tracked user location to send a notification whenever the user is within a user-defined distance from saved location
- Investigated and debugged runtime errors by unit testing
- Managed epics, user stories, and tasks as scrum master for 4 weeks

LazyBot (Group: 5, CuseHacks 2020 24 Hours) -- https://github.com/Plaudible/lazybot
- Related Technologies: Python, PRAW, OpenCV, PIL, Re, Imgur API
- Implemented a pipeline to post-process a PNG image.
- Manipulated RGB values in a PNG image to mimic grain, exposure, and hue filters.
- Utilized OpenCV to identify facial features to determine coordinate location of eyes.
- Set up a server that would process images in real time through Reddit user mentions

President Sentiment Analysis (Group: 2) -- https://github.com/joshuapark99/PresidentSentimentAnalysis
- Related Technologies: Twitter API, Sentiment 140 API, Python
- Parsed through a text file containing tweets making sure there are no duplicates
- Scored tweets using Sentiment140 to get overall opinion in each tweet
- Organized tweets to classify in which state the user was tweeting from

EDUCATION

Bachelor of Science (BS) in Computer Science
SYRACUSE UNIVERSITY, COLLEGE OF ENGINEERING AND COMPUTER SCIENCE