HAMIN LEE

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EXPERIENCE

BluRoot
Junior Software Developer

May 2019 - July 2019
Toronto, ON

> Implemented onboarding website to **automate** onboarding process
> Worked on all production pipeline from mock-up to deployment and led weekly scrum meetings
> Customized Zoho **CRM** software to **automate** invoices, email in a relational database.
> Wrote a **React**/GraphQL implementation using **functional** components with React Hooks.

EDUCATION

University of Toronto, *St.George*
Computer Science, Statistics (Double Major)

May 2015 - May 2020
Toronto, ON

SKILLS

Languages: **Proficient:** Python, JavaScript, TypeScript, HTML/CSS **|** **Familiar:** Java, C, C#, WireShark
Frameworks/Technologies: Angular, Django, React, SkLearn, VS Code, Webstorm, Git, GraphQL
Spoken Languages: English & Korean (Native)

PROJECTS

Web Application - Artemis | Github

> Worked with a **team of four** to build a web-app to submit anonymous workplace harassment experience. Held weekly scrum meetings, designed responsive front-end using Angular, followed **agile best practices**, and contributed to make project-wide architecture decision.

Computer Networking - Round Trip Time (RTT) Research | Github

> Analyzed the RTT for different layers and protocols to inform the reason for difference in speed of data transfer from each protocol. Detailed analytics of **TCP/IP, UDP** overhead, flow statistics, and congestion levels using **Python** and Wireshark.

OS - Scheduling Algorithm | Github

> Implemented virtual-to-physical address translation and demand paging using a two-level pagetable. Implemented page replacement **algorithms** (LRU, FIFO, CLOCK). Wrote a **C** implementation.

Ecommerce Web App - Tech Up | Design & Github

In Progress

> Created **E-Commerce** Website for myself to sell phone related products. Reached out to more than **20,000** users with Instagram marketing. Wrote HTML/CSS, Django to build the website.

Time Series - Data Processing | Github

> Wrote a **Python** implementation to process csv data and extract information. Performed **time series** analysis based on extracted information.

Machine Learning - Fake News | Github

> Wrote a Python implementation to determine if headline is real or fake based on keywords. Implemented **Naive Bayes** algorithm and trained a Logistic Regression model using **SkLearn** library.