

# HAMIN LEE

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## EXPERIENCE

### BluRoot

May 2019 - July 2019

Junior Software Developer

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

May 2015 - May 2020

Computer Science, Statistics (Double Major)

Toronto, ON

## SKILLS

**Languages: Proficient:** Python, JavaScript, TypeScript | **Prior Experience:** Java, C, C#, WireShark

**Frameworks/Technologies:** Angular, Django, MongoDB, React, GraphQL, SkLearn, Git

**Spoken Languages:** English & Korean (Native)

## PROJECTS

### 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.

### Round Trip Time (RTT) Estimation 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**, FIFO and CLOCK. Wrote a **C** implementation.

### 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.

### CSV Data Processing | Github

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

### Fake News

- > 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.