

Hamin Lee

hamin-lee.github.io/

Email : hamin-lee@outlook.com
GitHub : github.com/haminthecoder/

EDUCATION

- **University of Toronto, St. George** Toronto, ON
Bachelor of Science in Computer Science and Statistics *Sep. 2015 – June. 2020*
 - **Major:** Computer Science and Statistics, B.Sc (Double Major)
 - **Programming Coursework:** Algorithm Design & Analysis, Networks, Software Engineering, Databases, Software Design, Data Structure & Analysis
 - **ML Coursework:** Statistical Methods for Machine Learning II, Machine Learning and Data Mining

EMPLOYMENT

- **BluRoot (Startup)** Toronto, ON
Junior Software Developer *May 2019 - July 2019*
 - Improved company's onboarding process by designing and implementing onboarding website using ReactJS.
 - Leveraged knowledge in Full Stack Web development, Javascript, Git, NoSQL(MongoDB), and debugged using Chrome Developer Tools.

SOFTWARE PROJECTS

- **Personal Website:** *hamin-lee.github.io* (for additional information and projects)
- **Tech Up - Ecommerce Website:** *Oct 2019 - Present*
 - Developed a e-commerce web application using Python Django and HTML/CSS that allows users to easily purchase phone related products
 - Integrated Stripe payment allowing users to effortlessly make payments through Stripe.
 - Incorporated AWS S3 Bucket as data storage to archive product images.
 - Utilized: Python, Django, SQLite, AWS S3 Bucket, TravisCI, Heroku, Stripe
- **Meditator - Chrome Extension:** *Nov 2019 - Present*
 - Implemented and deployed a chrome extension on chrome web store that allows users to meditate on new tab.
 - Designed and developed a chrome extension using THREE.js for realistic 3D rain and storm effect.
 - Utilized: Three.js, Pure JavaScript, HTML5/CSS3, Sass
- **Artemis:** *Jan 2019 - April 2019*
 - Developed a web application using AngularJS and Golang that allows users to share anonymous work experiences with a team of 4.
 - Implemented and designed front-end with Angular material and consumed REST API with HttpClient
 - Utilized: Git, Angular, Heroku, GitFlow
- **Scheduling Algorithm:** *Oct 2018 - Nov 2018*
 - Implemented virtual-to-physical address translation and demand paging using a two-level pagetable. Implemented page replacement algorithms (LRU, FIFO, CLOCK).
 - Utilized: C Programming, GCC Compiler, Makefile

RESEARCH

- **Round Trip Time(RTT) Estimation:** *Oct 2018 - Dec 2018*
 - Utilized Python and Wireshark to analyze the Round Trip Time for different layers and protocols.
 - Established detailed analytics of TCP/IP, UDP overhead, flow statistics, and congestion levels
 - Utilized: Python, WireShark, TCP/IP Programming

PROGRAMMING SKILLS

- **Languages:** (*comfortable*): Python, Javascript, HTML/CSS (*understanding of*): TypeScript, C
- **Framework:** (*comfortable*): Django, Git (*prior experience*): AngularJS, React, Heroku, Netlify (*understanding of*): Sass, TravisCI, AWS S3 Bucket, SQLite, Three.js