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
  - **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