ANGUS LIN

angus.lin@mail.utoronto.ca
linkedin.com/in/linangus
+1 604 805 3271

Senior Computer Engineering Student Graduating May 2020

EDUCATION

University of Toronto | Senior BASc Computer Engineering Student *Sep 2015 - May 2020*

- CGPA: 3.77/4.00 | Top 15% in class, Dean's Honors List, $5K Faculty scholarship

SKILLS

- **Languages:** C++, Python, Javascript | **Tools / Libraries:** NumPy, Pandas, Git, SVN, P4, Intel Quartus

EXPERIENCES

Software Engineer Intern | Bloomberg L.P. *New York, May 2019 - Jul 2019*

- Developed a collaborative filtering recommendation system in Python and Javascript that suggests which columns a user should insert when customizing their Excel-like financial portfolios, improving the user experience for 100K+ clients.
- Implemented a feature in Javascript that enables clients to insert columns in bulk when creating their Excel-like portfolios, reducing on average 30 clicks down to 1 click when creating the same portfolio.

Software Engineer Intern | TripAdvisor *Ottawa, Jan 2019 - Apr 2019*

- Implemented a nearby restaurants, attractions, or hotels search for desktop users using Javascript, Java, HTML, and CSS, attracting 5K+ new usages each day for the first week of release.
- Developed a pipeline to track mobile user searches by parsing the payload of the search API call to generate JSON logs, then populating the log data into databases using Python.

Software Engineer Intern | Intel Corporation *Toronto, May 2018 - Dec 2018*

- Developed multiprocessing python software to generate compilation statistics for 300+ engineers and C++ dependency reduction tools projected to save up to 5 hours of build time.
- Designed test-driven C++ software, developed TCL and Perl scripts, and fixed bugs for Quartus software's incremental compile feature, resolving 30+ cases and enhancements in time for 2 software releases.

Machine Learning Intern | DataProphet *Cape Town, Jun 2017 - Jul 2017*

- Implemented a support vector machine (SVM) classifier that automated a text categorization task to solve a bottleneck during data processing by reducing each task from 1 minute to 1 second.
- Assessed a neural network model's performance and presented recommendations and analytical results from experimenting with architecture changes in Tensorflow to senior executives.

Hardware Research Intern | University of British Columbia *Vancouver, May 2016 - Aug 2016*

- Converted C code to a Verilog state machine to evaluate bottlenecks of high-level synthesis tools, resulting in a sponsorship to attend the 2016 ISCA Symposium in Seoul, South Korea.

LEADERSHIP

Director of Business Strategy | You're Next Career Network *Toronto, Apr 2018 - Mar 2019*

- Led a team of 10 in executing campus events, increasing student engagement, and managing relationships for 20+ corporate clients (e.g. Google) to generate ~$20K in revenue.

Director of Business Development | You're Next Career Network *Toronto, Apr 2016 - Mar 2017*

- Surpassed previous year's Startup Career Fair by bringing in 91 startups, an 11.0% attendance growth, and engaged 3K+ students, making it the largest Startup Career Fair in Canada to date.