Bernard **Lucas**

STUDENT · COMPUTER SCIENCE

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Skills

Languages	JavaScript · Python · Java · C · C# · Bash · SQL · HTML/CSS
Technologies	React.js · Redux · Node.js · Git · PostgreSQL · GCP · AWS

Experience

Stratus360 Inc.   *4789 Yonge Street, Toronto, Ontario*

FULL STACK DEVELOPER   *Jun 2018 - Aug 2019*

SOFTWARE DEVELOPER INTERN   *Jan 2018 - May 2018*

- Developed web applications using Salesforce Lightning Framework.
- Designed & Implemented a trigger framework in Apex to streamline Apex class deployment & testing, reducing deployment time between orgs by ~30% and markedly improving code testability.
- Led the development of a Listing Management software package, designing & developing 30+ components for the initial POC and continued on the project as interim PM.
- Developed Salesforce integration with SAP, IBM Maximo, Amazon Connect, and Delego RapidPay.
- Worked alongside clients to clarify project requirements & deliver quality product increments.
- Personally trained co-ops & new hires on tech stack & best practices.

Projects

A* Search Visualizer (github.com/balucas/pathfinding-viz**)**

PERSONAL

- Created an interactive web application to visually demonstrate the A* Search algorithm on user-drawn maps.
- Developed with HTML & JavaScript.

User Authentication App (github.com/balucas/neon**)**

PERSONAL

- Created a full-stack web application that allows users to register, log in, and authenticate requests.
- Authentication implemented with Passport.js & JSON web tokens.
- React, React-Redux frontend. Node.js, Express.js backend. PostgreSQL database hosted on Google Cloud Platform.

Stock News Timeline (github.com/balucas/stock-news-timeline**)**

PERSONAL

- Created a stock data application that displays daily Open/High/Low/Close (OHLC) prices & pulls historical company news to study how specific news stories affect stock prices.
- Utilized AlphaVantage API for OHLC data & NewsAPI for historical company news.
- Developed with Node.js & Express.js backend, and React.js frontend.

Magic-Ate-Ball (github.com/balucas/magic-ate-ball**)**

QHACKS 2019 ENTRY

- Created a mobile app that utilizes Yelp API to suggest restaurants based on user's visit history & reviews.
- Frontend in React Native, model training/prediction in Python hosted on GCP.

Education

Sheridan College Institute of Technology   *1430 Trafalgar Rd, Oakville, ON*

B.S COMPUTER SCIENCE (3.93/4.0 GPA)   *2019 - Present*

University of Waterloo   *200 University Ave W, Waterloo, ON*

B.S HONORS MATHEMATICS (INC)   *2015 - 2017*