Andrew Choi

Computer Science, 4th year | github.com/andrchoi | 604-352-3284 | andrew.tt.choi@gmail.com

Languages: Java, Python, C, C++, JavaScript, Typescript, React/Redux, MongoDB, SQL
Technologies: Git, Visual Studio Code, IntelliJ, Node.Js, Bash CLI, Command Line, Excel

Projects

Runtime – github.com/mostlyfabulous/Runtime   (May – Aug 2019)
- Designed Reactive pages that show summaries of data stored in MongoDB collections.
- Added interactive data chart to visualize past runs.
- Bounded suggestion algorithm to daytime hours, added temperature weighting.
- Deployed project: runtime-scheduler.herokuapp.com

ReactMessageBoard – github.com/andrchoi/ReactMessageBoard   (May – July 2019)
- Reactive site that uses Redux to manage state lets users post and delete messages.
- Calls Express API routes to get and modify data from MongoDB.
- Deployed project: warm-lake-47244.herokuapp.com

Simple FTP Server   (March 2019)
- C program uses socket programming to browse a remote directory and transfer files.
- Supports limited FTP commands such as CWD, CDUP, PASV, RETR, NLIST.

Education

Bachelor of Computer Science – UBC   (Estimated graduation: Dec 2020)
- **Machine Learning** – Classification, clustering, supervised and unsupervised learning
- **Internet Computing** – Networking, communication protocols and routing
- **Computer Vision** – Processing, analysis and classification of images
- **Relational Databases** – Database models, design and normalization, SQL

Experience

- **Grocery Supervisor** – Jason's No Frills (Sept 2018 – Aug 2019)
- **Robotics Instructor** – Summer at St George's (July 2019)
- **Cadet Flight Sergeant –** Royal Canadian Air Cadets (2010 - 2016)