



Turner Vink

Computer Systems Technology Student

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SKILLS

Technical Skills

- Experience with Java, JavaScript, HTML/CSS
- Currently learning C, SQL
- Version control using git
- Experience with Agile development (Scrum)
- GitHub project management tools
- Team communication and administration using Slack

Transferable Skills

- Excellent written and verbal communication skills from communicating with peers and users of personal software projects
- Effective time management from balancing school and job responsibilities
- Learns new skills quickly due to life-long passion for knowledge
- Collaborates well in a team from group project experience

PERSONAL PROJECTS

Square Watchface for Pebble Smartwatch

Apr 2015 - Present

- Self-learned the Pebble SDK through online tutorials to build a custom watch face using C
- Worked with the Pebble app store team to be featured on the store's front page, resulting in over 50,000 installs
- Communicates with users to assist with bugs and integrate feature requests such as translations and step tracking
- Monetized by collecting user donations through watchface settings page

Discord Chatbot

Jul - Aug 2017

- Coded in Python for 3 weeks to create an interactive chatbot for the messaging service Discord
- Self-learned Python and the Discord.py library to interact with the Discord API
- Researched documentation and formatting practices to ensure code was well-documented and readable
- Integrated the Python image manipulation library Pillow to generate custom profile pages for users
- Followed online tutorials to deploy on Heroku from GitHub repository

NextBus Vancouver for Pebble Smartwatch

Apr - Dec 2016

- Built an app for the Pebble smartwatch using C to allow users to receive information on the next arrival at a bus stop
- Integrated with the TransLink API to access real-time data for buses in Metro Vancouver
- Focused on creating a straightforward experience and ensuring that information was easily accessible
- Learned how to handle API error codes and effectively communicate information on a small screen

ACADEMIC TEAM PROJECTS

Grocery list web app - COMP 2910 (Software Projects)

Apr - May 2017

- Collaborated with 4 other students to plan, code, and test an AngularJS web app using the Agile process
- Maximized code reusability by creating AngularJS services to manage user data using Google Firebase
- Gained experience using AngularJS to design a single-page, mobile-first experience
- Deployed app using Firebase at www.greenl.ist

Hiking trails resource website - COMP 1536 (Intro to Web Development)

Jan - Apr 2017

- Acted as project manager for a team of 5 students to create an information resource website using HTML/CSS, Bootstrap, JavaScript/jQuery, and PHP
- Used GitHub project management tools (issue tracker, projects, milestones) to delegate tasks to team members and manage the project codebase

EDUCATION

British Columbia Institute of Technology

Jan 2017 - May 2019 (expected)

Computer Systems Technology Diploma

- Hands-on programming experience with a variety of languages, technical communication, group software projects