BENNETT OH

bennettoh.github.io
bennettoh.dev@gmail.com

EDUCATION

Carleton University, Software Engineering | Sept 2020 - June 2024
Notable courses:
- Data Structures and Software Design
- Algorithm Design and Analysis

University of Waterloo, Faculty of Engineering, BAS | Sept 2013 - Aug 2019
- Principal Entrance Scholarship - Academic achievement
- Excellent Standing - 80% or above cumulative average
- Dean's Honours List - Awarded to top 10 students based on term GPA of 4.00

EXPERIENCE

Archi Hacks, Software Developer | May 2019 - present
Tools used: Python, GitHub
- Owned architectural plugin development for programs used by professional architects
- Utilized functional programming and refactoring patterns in waterfall methodology

SaveVanFaves.com | March 2020
Tools used: HTML, CSS, JavaScript, GitHub Pages
- User driven, online archive of Vancouver restaurants
- Interactive open-source web application using Google sheet as database

Web3D - Interactive 3D Modeling Application | January 2020
Tools used: HTML, CSS, JavaScript, GitHub Pages, three.js Library
- Self-driven an open-source JavaScript project that wraps around WebGL components to enable easy-to-access 3D modeling environment on browsers

Portfolio Website | November 2018 - December 2018
Tools used: Bluehost, WordPress, HTML, CSS, Photoshop
- Created a simple WordPress website hosted on a commercial hosting service
- Customized the theme to suite mobile-friendly layout
- Search Engine Optimization using a WordPress plug-in

Baton, Mobile Application | April 2018 - August 2018
Tools used: Firebase, GitHub, Google Map API, Google Adsense
- Collaborated in a team of 3 self-taught enthusiasts to develop functioning prototype for on-demand mobile app
- Designed responsive layout that adapts to various screen sizes
- Utilized Google Adsense to promote the service through paid advertisement

Robotic Fabrication Workshop, UBC | October 2019
Tools used: Python
- The workshop produced a free-standing outdoor structure at the UBC Campus
- Contributed to the digital fabrication process which involved parametric design in Rhino + Grasshopper and 5-axis robotic arm equiped with a CNC router

Excellent references available upon request

SKILLS

Programming Languages:
Java, Python, JavaScript, HTML, CSS

Tools
Git, Android Studio, Revit, Rhinoceros, Grasshopper

Design
Illustrator, Photoshop, InDesign, 3D Printing, Lasercutting

Learning
WebGL, Unit testing, Agile methodology, Software Life Cycle, Project Management

ACHIEVEMENTS

Innovation OnBoard
Semi-finalist

Waterloo Engineering Competition
First Place in Consulting

Samsung x Dezeen Ambient Mode Design Competition
Top 15

Co-op Student of the Year
Nomination

Dean's Honours List
Top 10 in class (GPA 4.00)

Engineer of the Future Fund
Startup funding

International Experience Award // Scholarship

President's Scholarship
Entrance Scholarship