BENNETT OH

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EDUCATION

University of Pennsylvania, Computer Science for Software Development, edX Professional Certificate | Sept 2019 - Dec 2019
Notable courses:
- SD1x: Software Development Fundamentals
- SD2x: Data Structures and Software Design
- SD3x: 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

PROJECTS

Web3D - Interactive 3D Modeling Application on Web Browser | January 2019 - present
Tools used: HTML, CSS, JavaScript, GitHub Pages, three.js Library
- Utilized an open-source JavaScript project that wraps around WebGL components to enable easy-to-access 3D modeling environment on browsers

Robotic Fabrication Workshop, UBC | October 2019
- Participated in the 5 day workshop that produced a free-standing outdoor structure at the main Boulevards of the UBC Campus from scratch
- Got immersed in the digital fabrication process which involved parametric design in Rhino + Grasshopper and 5-axis robotic arm equiped with a CNC router

Waterloo Engineering Competition, Smart City | July 2019
First Place in Consuling Category
- Produced and presented the competition winning proposal with intensive constraint on budget and time
- Devised simple implementation that cause little next to no disruption to existing operation of the University of Waterloo Campus, yet have immediate application and enormous future potentials

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, Bubble platform, Google Map API, Google Adsense
- Collaborated in a team of 3 self-taught enthusiasts to develop functioning prototype for on-demand service app
- Designed responsive layout that adapts to various screen sizes
- Utilized Google Adsense to promote the service through paid advertisement

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

Samsung x Dezeen Ambient Mode Design Competition
Top 15

Co-op Student of the Year
Nomination

Dean's Honours List
Top 10 GPA in class

Engineer of the Future Fund
Startup funding

International Experience Award // Scholarship

President's Scholarship
Entrance Scholarship