Tiger Oakes

Software Developer with 4 years of experience

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Work Experience

05/2016 – Present
Software Developer

Centre for Sustainable Food Systems at UBC Farm

- Developed custom software with the UBC Work Learn International Undergraduate Research Award,
- The program stores data collected by farmers to allow for researching and analyzing growing patterns,
- Implemented React and Redux in JavaScript,
- Used geometry calculations to let users draw farm fields and split them into grid based plots;

10/2009 – 08/2015
Web Developer and IT Manager

OML Contracting Co.

Construction company building private resort residences in Hawai'i

- Designed and developed portfolio to showcase completed residences,
- Implemented CSS 3D animations to create GPU accelerated parallax effect,
- Applied lazy-loading CSS to speed up first render;

Additional Projects

05/2014 – 05/2015
Big Island Buses

Bus rider web app to replace Hawai'i paper bus schedules

- Uses JavaScript geolocation API to locate nearby bus stops and routes,
- Implements Application Cache to allow the web application to run offline,
- Won Grand Prize in Congressional App Challenge 2014, Hawaii's 2nd Congressional District;

04/2014 – 05/2014
MBTA Energy

Energy monitor program for Myron B. Thompson Academy

- Calculates reports from Belkin WeMo Insight Switches,
- Charts electricity usage for students to later analyze.

Education

09/2015 – 04/2020 (expected)
Bachelor of Science in Computer Science

University of British Columbia