TIGER OAKES

Software Developer with 4 years of experience in functional and object-oriented programming. Proven success creating custom solutions for a variety of businesses.

contact@tigeroakes.com
tigeroakes.com
Vancouver, BC
github.com/NotWoods

Education

09/2015 – 04/2020   (expected with co-op)

Bachelor of Science in Computer Science

University of British Columbia

Work Experience

05/2016 – Present   (github.com/ubc-farm)

Software Developer

Centre for Sustainable Food Systems at UBC Farm

Developed custom software with the **UBC Work Learn International Undergraduate Research Award**.
JavaScript program stores data collected by farmers for researching and analyzing growing patterns.
Used geometry calculations to let users draw farm fields and split them into grid based plots.
Implemented UI with **React** and **Redux** using functional programing design.

10/2009 – 08/2015   (omlhawaii.com)

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 despite large images.

Personal Projects

12/2016 – 12/2016   (github.com/notwoods/local-hack-day)

Pass the Bomb: *Online multiplayer word game*

Selected by Microsoft as an outstanding project in UBC Local Hack Day
Developed online multiplayer with **Socket.io** in Node.js and JavaScript within a 12-hour hackathon
Oversaw team while writing client portion of the game
Implemented swiping gestures to allow more intuitive submission

05/2014 – 05/2015   (notwoods.github.io/big-island-buses)

Big Island Buses: *Bus rider web app to replace Hawai'i paper bus schedules*

Won **Grand Prize in Congressional App Challenge 2014**, Hawaii's 2nd Congressional District.
Used JavaScript geolocation API to locate nearby bus stops and routes.
Implemented **AppCache API** to allow the web application to run offline.

Awards

Grand Prize: Congressional App Challenge 2014, Hawaii's 2nd Congressional District
UBC Work Learn International Undergraduate Research Award