

Caleb Ellis

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About Me

I'm a passionate and ambitious developer, who wants to help companies grow through the use of novel and innovative technologies, particularly using front-end technologies like React. While I love development and design, I'm also comfortable using back-end tech including NodeJS, Express and MongoDB. In short, I love problem solving in the IT ecosystem and have a real desire to bring unique ideas to life through web development processes.

Skills

Front End: HTML5, CSS3, Javascript ES6, jQuery, React

Back End: NodeJS, Express, MongoDB, Python, SQLite

Design: GIMP, SolidWorks, AutoCAD

Utility: Git + GitHub, Agile, AJAX, Responsive Design

Experience

WEB DEVELOPER

SELF-DIRECTED LEARNING & FREELANCING – NOV 2016 - PRESENT

Starting with Harvard's CS50x course and FreeCodeCamp, I have been learning all I can about programming and web development while creating personal projects and doing freelance work. Projects showcased on my website include:

- A responsive, full-stack, Real-time Chat App built using React;
- A fully functional Simon Game built using jQuery;
- A Weather App that utilizes the OpenWeather API to draw forecasts.

RESTAURANT SUPERVISOR

SIX ACRES RESTAURANT – FEB 2016 - JUL 2017

While employed at Rydges' Fortitude Valley hotel, I worked as Head Waiter / Restaurant Supervisor where I was responsible for day-to-day operation of the venue.

- Supervised numerous successful events including weddings, birthdays and corporate functions;
- Provided supervision, mentorship and coordination of floor and bar staff;
- Offered exceptional customer service to patrons.

MECHANICAL ENGINEERING INTERN

NEWMONT MINING – NOV 2014 - MAR 2015

As part of my Engineering degree I interned at Newmont's Boddington Gold Mine in Western Australia. While there, I:

- Optimised an Excel document that summarized ore processing data from thousands of sensors, leading to greatly improved calculation speeds with no loss in accuracy;
- Collected and analysed plant equipment data using Excel and OSISoft;
- Used AutoCAD and AutoDesk Inventor to draft and 3D model plant equipment.

Education

Queensland University of Technology – B.Eng., Mechanical Engineering, 2015