

## Summary

Since my degree in Physics, I have worked with web-based applications for three years, wrestling with legacy code and improving software performance. In the past two years, I have written javascript for both the front-end and back-end, as well as acted as the team's Scrum Master for three months. I am looking for the opportunity to work in a larger team and to grow as a developer.

## Education

2008 – 2012      **MSci Physics with Year in Europe (2:1)**      *Imperial College London*

I programmed in C++ and MatLab for Computational Physics courseworks.

## Technical Skills

Languages      Javascript, Java, Bash

Frameworks      Node.js, BackboneJS

Databases      MongoDB, MySQL

## Work Experience

2014 – 2016      **Software Developer**      *Foxconn Electronics Inc.*

Foxconn's Software R&D department was established two years ago with the aim to create proprietary SaaS products. I am part of an eight-person team working on a WebRTC video conferencing service which is currently in beta release, serving 400 hours of weekly call time.

I am responsible for our front-facing Node.js server and the majority of our BackboneJS application packaged with nw.js. I refactored the application's initialisation process and View lifecycle to reduce event listener leaks. Most memorably, I remedied a misuse of Backbone event so that the collection render time grows linearly instead of exponentially.

During the three months when I was Scrum Master, I set checkpoints for the team's progress report and oversaw two minor and one major releases.

2013 – 2014      **PLM System Developer**      *Sunonwealth Electric Machine Industry Co., Ltd.*

Sunon is one of the world's leading minifan manufacturers. Along with five other developers, I maintained and customised the company's web-based Product Lifecycle Management system built with MatrixOne 10. I am most proud of successfully reducing item search time by a factor of 5, through refactoring and building the relevant database indices. After a year at Sunon, I realised that I am more interested in building an application from the ground up, rather than using commercial development tools.

## Interests

I enjoy yoga, meditation, and travelling on a budget. While cooking or commuting, I like listening to podcasts on a range of topics, including JavascriptJabber and Re/code Media. At MOPCON 2015, a mobile tech conference in Kaohsiung, I volunteered as a moderator.