

Charlie Hebert

Software Engineer

US/UK Citizen

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A recent graduate seeking a full-stack engineering position in a team that works at the frontier of technology and follows industry best-practices in a high-intensity and agile environment.

Education

Trinity College Dublin

Course BA (Mod) in Computer Science and Business - 2:1

Coursework object-oriented & functional programming, algorithms & data structures, databases, web development, distributed systems, computer vision & graphics, telecommunications, user experience

Course Link scss.tcd.ie/undergraduate/computer-science-business

Skills

Proficient in JavaScript, ClojureScript, HTML, CSS, Node.js, Clojure, Bash, Git

Familiar with Java, Python, C, C++, Haskell, PHP, SQL, NoSQL, XML, JSON, UML

Experience

Good Travel Software

Software Developer Intern

Summer 2015

Led to completion the construction of the front-end of a predictive analytics platform. This improved the firm's product offering with a web application that offers intuitive visualizations and mappings of hundreds of thousands of data points in multiple languages.

This enables clients to more easily track and manage their fleets of vehicles across a number of geographies and time.

MIAC Acadametrics Ltd

Intern

Summer 2014

Enabled MIAC and its clients to exchange files more quickly and securely than existing FTP approach by building a greenfield, web-based, file-exchange application.

Hard Medium Soft Ltd

Intern

Summer 2013

Completed a contract to redevelop an accounting platform. I reduced the existing codebase by hundreds of lines of code, modularised many of the existing features, and remade the UI. This made the codebase easier to work with and improved the user experience of the product.

Projects

Currency Suite

store.office.com/currency-suite-WA104379357.aspx?assetid=WA104379357

Spring 2015

An app for handling currency conversion in Microsoft Excel. I was responsible for much of the front-end and back-end work. In addition, I was the Project Manager for the team.

Clock.js

github.com/chooie/clock.js - chooie.github.io/clock.js

Spring 2015

A JavaScript library that simplifies the process of drawing a variety of clocks onto a canvas element. This is a side project that I used as an opportunity to improve my understanding of JavaScript.