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, algoritms & 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*

Led a team in the creation of a Microsoft Excel Add-on that improves the user experience when working with a spreadsheet that includes a variety of currencies.

Users can convert currencies using the most up-to-date exchange rates from the European Central Bank.

Clock.js
github.com/chooie/clock.js - *chooie.github.io/clock.js*   *Spring 2015*

Improved my understanding of drawing graphics in a web browser by creating a library that draws simple analog clocks and updates them in real-time.