Chris Farrell

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Professional software developer with a passion for creating intuitive user interfaces. Seeking a front-end and full-stack positions.

Technologies

Languages

Javascript, Python, Typescript, HTML, Java, C++

Databases

MongoDB, SQLite, PostgreSQL

Frameworks

Angularjs, Django, Meteor, Express, React, Mocha

Other

Jade (Pugjs), CSS, AJAX, ZeroMQ, GPB, Websockets

Experience

Oasis Systems, Rome, NY — *Software Engineer*

June 2015 - PRESENT

Worked in a team environment to develop software systems for the United States Air Force.
  – Rewrote database handler code and removed extraneous calls to the database which improved performance by 50%.
   – Created a UI that has a similar look and feel to the JIRA project and issues pages.
    – Wrote a variety of interactive editors that allow the user to click away to save.
  – Wrote code to convert file into binary and send over a local area network when the file was put back together and saved to disk
   – Created a rendering system to allow individual components to be reused throughout the application
   – Created redirect system to prevent crashes from the system if a component wasn't running.
   – Developed an API that would allow for streaming of files by establishing a secure connection between the two systems.

Nazareth College, Location — *Web Development Co-op*

Dec 2011 - August 2012

Developer for a variety of web applications for both internal and external use. Worked directly with customers and stakeholders to ensure that the best possible product was being delivered.
  – Decreased the overhead for the Registrar's office.
  – Increased efficiency within the chemistry department.

Projects

Virtual Meeting Outcome Facilitator (vMOF)

Created a one-page web application for the MITRE corporation that was designed to mitigate the common problems that arose during meetings. Improved meeting efficiency through a variety of tasks aimed to streamline the regular tasks that were performed during a meeting.
Stack: Javascript, React, Webpack, Websockets, Bootstrap

Music Finder

An application currently in development which would allow users to find new music based off of their current preferences. Accomplishes this through crowdsourcing of similar songs to allow users to find new music by their favorite artists and different artists.
Stack: Python, Django, SQLite, Bootstrap

Education

Rochester Institute of Technology, Rochester, NY — *B.S. in Software Engineering*

August - 2015