Floyd Chen

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OBJECTIVE:
Seeking a **full-time Front End or Full Stack Developer Position**

EDUCATION:
University of Minnesota, Twin Cities   **Bachelor of Science, Computer Science**
GPA 3.68/4.0   **Expected Graduation Date: December 2018**

RELEVANT COURSES:
Algorithms and Data Structures, Computer Network, Web Development, Intro to Operating System, Function Programming, Software Engineering, Database, Intro to Artificial Intelligence

TECHNICAL SKILLS:
Programming Languages: JavaScript, Python, Java, HTML, CSS, PHP, C++, MySQL, Ocaml, C
Developing Tools: React, Node.js, MongoDB, AJAX, Webpack, Sass, Express, D3, Bootstrap, Redux, jQuery, Git

PROFESSIONAL EXPERIENCE:
Intern at Digital River   **Front End React Developer**   **June 2018 – August 2018**
    Tech Stack: React, Webpack, HTML, CSS, Node.js
- Contributed as one of the core developers to React Atlast, an open-source React UI Library that is actively used as the UI standard by Digital River and is one of the core projects of Digital River's front end team.
- Created and solved 5% of the total issues of the UI Library by testing, solving major bugs and enhancing components.
- Added, rewrote and stabilized major components; developed new UI demo site to replace the old jQuery demos.
- Developed a user guide center web widget and its components including Walkthrough, Tooltip and Lightbox, etc.

WebDev Research Assistant   **Web Developer**   **January 2018 – Present**
    Tech Stack: MongoDB, Express, React, Node.js, GraphQL
- Used MERN stack(MongoDB, Express, React, Node.js) and GraphQL to re-develop from scratch and maintain the website for Metro Food Access Network (MFAN), a University of Minnesota based non-profit organization.
- Used D3.js to create visualized force directed graphs and geomaps for MFAN partners data.

PROJECTS:
Find Your Dream Campgrounds   **Web Development**   **January 2018 – May 2018**
    Tech Stack: Node.js, Express, MongoDB, EJS, Bootstrap
- Worked on a full stack RESTful website to display and store campgrounds data that utilized Node.js, Express, MongoDB
- Used EJS (Embedded JavaScript), CSS and Bootstrap for front-end development.
- Used Passport.js for login and signup authentications, Mongoose for Database and Heroku for deploying the site.

Football Injury Predictor   **Web Dev and Machine Learning**   **January 2018 - January 2018**
- Used Python pandas and sklearn to read input CSV file and built multiple linear machine learning model to predict the possible injury types based on given inputs of a football player such as age, weight, position, etc.
- Used HTML, CSS, JavaScript, PHP, and Google and Youtube APIs to render the webpage.

EXPERIENCE AND LEADERSHIP:
Start-up Education Company   **Founder**   **June 2014 - December 2016**
- Started and managed my education company where we taught high school students different subjects.
- Gained technical experience by helping developing our own website, and improved leadership skills such as how to manage and work with a team, analyze the market situation in product development and communicate with customers.