XIN LIU

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EDUCATION

Rochester Institute of Technology | *Rochester, NY*   ***Graduation: Fall 2020***
Web & Mobile Computing, Bachelor of Science   GPA: 3.98, Dean's List

EXPERIENCE

Fidelity Investments | *Software Engineer Intern*   ***May 2019 - August 2019***
- Designed and implemented a tool to parse application logs and send a daily spreadsheet report built in Java to promote automation for manager.
- Patched vulnerabilities in existing ASP.NET application related to XSS and CORS to prevent future application exploits.
- Developed a dashboard with Angular, Java Spring Boot and OracleDB to monitor financial data to be used by advisors to increase client retention.
- Participated in daily Scrum meetings and bi-weekly sprints to ensure team productivity and efficiency.

Pathfinder.VET | *Full Stack Developer*   ***January 2017 - Present***
- Constructed a RESTful API, using Node.js and Express.js for client-to-server data exchange with Ajax, to promote code reusability by allowing it to be used with any front-end application.
- Built an event registration system using the MVC architectural pattern for clients to register and create events - leading to a 25% increase in client engagement.
- Cooperated with manager to create a point-based gamification system to increase the incentive of users and decrease site bounce rate.

ConsenSys Academy | *Ethereum Student Developer*   ***June 2018 - August 2018***
- Utilized the knowledge acquired throughout the program to create blockchain-powered decentralized applications using Solidity, Truffle and Web3.js.
- Created automated testing with Mocha.js for all Smart Contracts used in applications to ensure bug-free, optimized code.

Maalka | *Software Developer Intern*   ***September 2017 - January 2018***
- Developed an open-source web application that converts the Building Energy Data Exchange Specification (BEDES) from XML format to JSON format.
- Created a RESTful API with Node.js and Express.js to be used with React for CRUD operations with MongoDB.
- Utilized Docker to increase team productivity by eliminating the incompatibility of different development environments.

PROJECTS

StocksWatch | Dockerized application on AWS powered by the Intrinio API for data visualization of invested stocks. (*Angular, Highcharts, Java Spring Boot, Docker, AWS EC2*)

LaunderPOS | Point of Sale (POS) application developed for laundromats built to be compatible with a barcode reader and ESC-POS printer. (*Handlebars, Node.js, Express.js, MongoDB*)

CoinIt! | Application powered by the CoinMarketCap API to fetch the latest Cryptocurrency updates. (*React, Node.js, Express.js, MongoDB*)

ACHIEVEMENTS

Grow with Google Scholarship | *2018 Recipient*   ***January 2018 – May 2018***
- Participated in a 3-month online challenge sponsored by Google to complete a course on Mobile & Web development with developers and students across the country.

JP Morgan Chase - Code for Good 2017 Hackathon | *Second Place*   ***October 2017***
- Competed in a 24-hour hackathon against ten teams to build an application for a non-profit organization.
- Acted as team leader and directed teammates to work on a specific part of the project based on their strengths.

SKILLS

Languages: JavaScript, Java, C#, Python, PHP, Solidity, SQL
Technologies: Node.js, Express.js, Handlebars, React, Angular, Mocha.js, jQuery, HTML/CSS, Spring Boot, .NET, Flask, MongoDB, MySQL, Git, Heroku, AWS, Docker, Linux