ANDREI POPA

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EMPLOYMENT

Full Stack Developer   **Focus on the Family**   **Dec. 2016 - Sept. 2019**

- Implemented user interfaces using HTML5, SCSS/CSS3, JavaScript.
- Developed REST APIs, services with C#/.NET.
- Led the development and on-schedule delivery of a new, componetized web product.
- Identified slow homepage and improved page load by 70% by implementing lazy-loading.
- Architected and implemented a solution for more automatized code deployments using Jenkins and PowerShell.
- Wrote unit and integration tests to ensure code quality and fast deployments using xUnit.
- Created a proof of concept app using React-Native (a React framework) that includes user authentication, a podcast player and state management using Redux.
- Saved 200 hours of manual processing by developing an XML to CSV conversion tool.
- Developed software using Agile methodologies (a combination of Kanban and Scrum best practices.)

Web Developer   **Cedarville University**   **August 2015 – May 2016**

- Gained the ability to translate stakeholder requests into software solutions by maintaining the school's website and web app using HTML5, CSS3 and JavaScript.

Computer Science Lab Aide   **Cedarville University**   **March 2015 - May 2016**

- Developed strong debugging skills by helping underclassmen with programming assignments.

Software Developer, Intern   **LightSys Technology Services**   **Spring 2015**

- Cultivated strong teamwork skills by developing a customizer for a widget using JavaScript, PHP, HTML and CSS3 on a team of 3 programmers.

TECHNICAL EXPERIENCE

Projects

- **BatComm** (2015 - 2016). Developed an Android App that enables users to send data over 4 communication mediums (video, audio, still image, text.) Avoided the "callback hell" by leveraging observable streams through ReactiveX.

- **MLB (Major League Baseball) Database Web App** (2015). Converted a real MLB database from MySQL to SQL Server by hydrating OOP objects and persisting them using Hibernate. Created a web app that queried and displayed the new data using Java, HTML and CSS.

LANGUAGES AND TECHNOLOGIES

- C#, Java, JavaScript, HTML5, SCSS/CSS3, JSON, PowerShell.
- React/React Native, Express.js, MongoDB, SQL Server, .NET, Git, Docker, Jenkins, RabbitMQ.

EDUCATION

Georgia Institute Of Technology   **2020 - Present**

- Master of Science in Computer Science. Specialization: Machine Learning.

Cedarville University   **Graduated 2016**

- Bachelor of Science in Computer Science, August 2016. Overall GPA: 3.75.