Liam Wood

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EDUCATION

University of Florida   Grad Date: **May 2020**

Bachelors of Science in Computer Science (GPA: **3.43/4**)

- Completed **Engineering Entrepreneurship, Operating Systems, Information and Database Systems, Computer Vision, Blockchain Tech & Apps**, **Computer Network Fundamentals**, **Production of Immersive Environments**, **Wearable and Mobile App Development**

WORK EXPERIENCE

Visa, Inc: Software Engineer   **Oct 2020 - Present**

- Skills: **C++, OOP, Distributed Systems**
- Designed and built a core component of Visa's settlement system as a state machine that will be responsible for settling trillions of dollars per year
- Conducted first stage development on new initiatives for Visa that will enable real-time transaction analysis across Visa's clearing and settlement systems

Digital Worlds Institute: Lead Software Developer   **May 2019 - Feb 2020**

- Skills: **Node, Vue.js, Redis, MySQL, Blockchain, WebAR**
- Functioned as the sole developer for a mobile-first, browser-based AR/Blockchain card game
- Leveraged Vue.js to build a reactive and native-like frontend experience with Node, Redis and MySQL to run a backend that managed 100+ websocket connections and 100+ user accounts

Info Tech: Software Developer Intern   **May - Aug 2019**

- Skills: **Node, Vue.js, AWS Serverless Stack**
- Collaborated with a small team to build a Vue.js frontend and AWS Serverless backend for an internal cloud file storage solution
- Responsible for connecting multiple internal **microservices**, request **authorizations**, setting up local development environments and reusable libraries and batch scripts

Info Tech: Shadow   **Jan - Apr 2018**

- Skills: **Node, AWS Lambda, S3, PDF Spec**
- Worked one-on-one with a senior applications developer using **Node.js** and **AWS Lambda** to parallelize the splitting of large **PDFs** for uploading and downloading

PROJECTS

Blockchain Investment Platform   **Jan - May 2019**

- Skills: **Python, Flask, Bootstrap.js**
- Researched and implemented a custom blockchain with an API that allowed users to mine, transact, invest in social media posts and view their on-chain wallet balances and investments

WebAR Art Exhibit   **Nov 2018 - May 2019**

- Skills: **HTML, CSS, JavaScript, A-Frame**
- Lead a team of 6 developers and 2 designers through several sprints and delivered a minimum viable product to our the Harn Museum of Art
- Designed and developed 3 AR accent pieces for main exhibit art pieces with **AR.js** and **A-Frame**

INVOLVEMENT

Vice President, GatorVR   **May 2018 – May 2020**

- Initiated project group restructuring with project sponsors and team roles and proposed Game Day events
- Lead a series of 4 workshops on A-Frame and WebVR/AR technologies for game and application development

Private Tutor   **Sept 2018 – Sept 2029**

- Held weekly remote tutoring sessions with a 12 year-old, introducing her to all degrees of computer science related concepts like Object Oriented programming, file parsing and UI design

SKILLS

- Languages: **Python, Node.js, C++, Vue.js, HTML, CSS** (Proficient) | **C, Java, C#, MEAN.js** (Functional)