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Luis Baez

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WORK EXPERIENCE

Associate Researcher

Smart Information Flow Technologies (SIFT)

July 2022 - Current

Lexington, MA

- Research and propose to government related contracts on Cybersecurity, AI, and deep learning technologies.
- Leverage open-source systems, virtualization, and various programming techniques to build a strong PoC.
- Develop state-of-the-art original technologies for critical government problem solutions.

Graduate Researcher

University of South Carolina

April 2021 - May 2022

Columbia, SC

- Develop and maintain front-end ArcGIS web application plugins for South Carolina DoT.
- Utilize JavaScript, HTML, CSS, Dojo.js, Angular.js and Node to build new ArcGIS Web widgets and plugins.
- Use GitHub and ArcGIS Web Builder to preview and deploy widgets and plugins.

Software Engineer in Test Intern

CVS Health

May 2020 - August 2020

Cumberland, RI

- Develop JavaScript automation functions for three different mobile, web, and desktop applications.
- Leverage Cucumber.js, Karma.js, Chai + Mocha.js, Node and Angular technologies.
- Participate in Agile project workflow with weekly scrum meetings and bi-weekly sprints.

IT Support

University of South Carolina

April 2019 - March 2020

Columbia, SC

- Build and image computer systems for the Chemical and Biomedical engineering departments of over 100 graduate members.
- Troubleshoot hardware and software issues reported on desktops, laptops, printers, and networks.

EDUCATION

Bachelor of Science, Computer Science

University of South Carolina, Columbia

August 2017 - May 2021

GPA: 3.66

Study Topics: Computational Algorithms, Operating Systems, Compiler Design, Network Security.

Masters of Science, Computer Science

University of South Carolina, Columbia

August 2021 - May 2022

GPA: 4.00

Study Topics: Neuromorphic Computing, Computer System Security, Wireless Systems in IoT.

SKILLS

Languages

Python, Java, C, C++, Rust, JavaScript, \LaTeX , Markdown

Software

Wireshark, Gimp, VirtualBox, Docker, Github, Apache Subversion, Firebase, Jenkins, Tensorflow

Systems

Windows, Mac OS, Debian, Redhat, Ubuntu, Arch