

ALEX PERRY

alex.perry422@gmail.com | (317) 775-1041
linkedin.com/in/alexperry317/ | github.com/alexp327

PROFESSIONAL EXPERIENCE

L3Harris Technologies

Melbourne, FL (Remote)

Software Developer - IT Leadership Program

July 2022 - Present

- Built a full stack web application for uploading media assets using an Angular frontend, ASP.NET API, and SQL Server database, saving the company an estimated \$25,000 in yearly operational costs
- Supported L3Harris.com by reducing the backlog by 80%, leading a migration to Google Analytics 4, and mitigating multiple attacks
- Led multiple on-site and virtual orientations as the nominated Lead Orientation Coordinator by organizing events with peers and leadership, helping 15 new hires get acclimated to the company
- Designed and implemented a document sharing platform within the IT department utilizing SharePoint, resulting in enhanced inter-team collaboration and streamlined information retrieval
- Delivered high impact knowledge exchanges, technical presentations, and orientations to cross-functional teams and leadership, leading to better team efficiency and improved team outcomes

Test and Automation Engineering Intern

Summers 2020 and 2021

- Created two dynamic internal web apps with teams using Agile Scrum methodology that are still in use today, simplifying the access review process and vastly improving the capabilities of a 20-year-old application
- Automated tests using Selenium and SpecFlow that save 30+ hours of testing per deployment cycle
- Identified 20 critical bugs before changes reached production, mitigating application downtime
- Communicated effectively with developers, project managers, and customers to achieve development goals

Freelance Developer

April 2023 - Present

- Modernized pediatric pain measurement with an Angular application built for IU Occupational Therapy Dept.
- Published TweePT3, a browser extension (JavaScript) that integrates with Twitter/X to generate posts using AI

EDUCATION

Purdue University, West Lafayette, IN

August 2018 - May 2022

Bachelor of Science in Computer Science

GPA: 3.87/4.00

- Concentration in Software Engineering
- Minor in Music History and Theory

PROJECTS

MediaFinder

Fall 2021

- Developed a mobile app using Flutter, Flask, and MongoDB for searching multiple media services concurrently
- Integrated multiple REST API endpoints to provide users with as much information as possible

Social Media Application

Fall 2021

- Created a new social media platform using React, NodeJS, MongoDB, AWS Lambda, and AWS API Gateway

Shell

Fall 2020

- Built a custom shell around a basic UNIX kernel to parse and execute complex commands

SKILLS

- Proficient in: JavaScript, TypeScript, C, Angular, HTML, CSS, JIRA, Git, SQL, REST
- Familiar with: Docker, React, C#, .NET, Linux, PHP, Firebase, Python, Scripting, Java, Flutter, Agile

OTHER AFFILIATIONS

- Purdue Navigators** - President and Bible Study Leader
- Purdue Jazz Band** - Trombone instrumentalist in Purdue's top jazz band
- Purdue Rainbow Six Siege eSports Team** - Team Captain and LAN Event Coordinator