

Connor Halloran

412-482-4126 connorjohnhalloran@gmail.com
github.com/connorjohnhalloran linkedin.com/in/connor-halloran

Experience

Leidos - Full Stack Software Engineer *April 2022 - Present*

- Developed new section of application to handle large update operations in a team of 4 developers (React, JavaScript, C#, SQL)
- Refactored and optimized data validation code to identify fine-grained modifications and eliminate redundant calculations
- Coordinated with multiple teams to write and deploy automated readiness report to keep client informed and eliminate time spent on manual report creation
- Improved internal tooling to enable system account managers to quickly create and modify user accounts
- Adhered to rigorous data security standards to secure and handle classified information while working in a remote team

Education

University of Pittsburgh *Pittsburgh, PA*

Bachelor of Science in Computer Science *Dec 2021*

Projects

Palm Reader - ML Hand Pose Classification *github.com/connorjohnhalloran/palm_reader*

- Trained an ensemble classification model consisting of convolutional neural networks to classify 5 distinct hand poses using PyTorch
- Wrote ergonomic FFI bindings between Rust and native Azure Kinect DK sensor C API
- Developed Tauri app (Rust backend, web frontend) to interface with camera and model
- Deployed classification model within application using TorchScript
- Configured application to capture camera data and evaluate on model, displaying prediction to user with imperceptible latency

Skills

Languages: JavaScript, TypeScript, Rust, Python, C#, SQL, C, HTML, CSS

Libraries and Frameworks: React JS, Tailwind CSS, PyTorch,, Solid JS

Technologies: Git, Unix, Azure DevOps, Docker