Evan Peacock

Software Engineer

Motivated early-career engineer with extensive and varied programming experience.

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EDUCATION

Rowan University
Bachelor of Science - Computer Science

09/2019 - 05/2023 *Glassboro, NJ*

Relevant Courses

- Software Engineering
- Honors Object-Oriented Programming
- Design and Analysis of Algorithms
- Computer Networks & Data Communication
- Database Systems
- Data Structures & Algorithms
- Concurrent Programming
- Advanced iOS App Programming

WORK EXPERIENCE

Software Engineer
Piasecki Aircraft Corporation

09/2023 - Present *Essington, PA*

Worked on Piasecki's ARES Program

Achievements/Tasks

- Work on a multidisciplinary team of engineers to reach goals by internally and externally dictated deadlines
- Develop and maintain multiple programs and apps for use within the company, mainly in Python and C
- Develop interactive pilots' displays and HITL (hardware in the loop) flight simulation software for unmanned aircraft
- Model 3D objects for use in HITL flight simulation
- Participate in aircraft test events, analyzing and recording aircraft test data
- Received PiAC Pride award for outstanding performance on 12/4/2023

Bookseller
Barnes & Noble College

08/2020 - 09/2023 *Glassboro, NJ*

Tasks

- Operate cash register and handle cash and credit transactions
- Assist and guide customers
- Stock, restock, and organize merchandise
- Encourage customers to consider subscription services

Contact : Valerie Wojcik - (856)-881-5960

TECHNICAL SKILLS

Python | C | Java | JavaScript | HTML | CSS | Bootstrap | PHP | Networking | MySQL | MongoDB | Flutter | Dart | Swift | Blender | iOS Programming | Microsoft Office | AutoCAD | Linux | Git | GitHub | GitLab | Jira

NOTABLE PROJECTS

ARES HITL Simulation GUI - Piasecki Aircraft
- Simple yet powerful fronted for running hardware in the loop flight simulations, and recording simulation data
- Written mostly in Python, with some C
- Utilizes shared memory and multithreading to simultaneously communicate with various hardware and sensors, which mirror those in the actual ARES aircraft

ARES Pilots' Displays - Piasecki Aircraft
- Responsive and readable status displays for remotely flying unmanned ARES aircraft
- Written in C and C++
- Interfaces with Python program that facilitates communication between aircraft and displays

Incident Reports - Rowan University
- Mobile app which allowed users to report public safety incidents
- Written in Flutter to run on both iOS and Android
- Google Maps integration for showing incidents on map
- Features include ability to call an emergency contact, location services, and user accounts

SoundLogic - Rowan University
- Website for music discovery focused around dislikes instead of likes
- Written in Python/Django, HTML, CSS, and JavaScript
- Google and Spotify integrations for sign-in and music data
- Features include account creation, playlist creation, profiles, and followers

CERTIFICATES

NOCTI AutoCAD Certification (06/2019)