

# CAMERON ROUDEBUSH

[www.croudebush.net](http://www.croudebush.net)

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**SUMMARY:** Purposeful Software Engineer with experience in analysis, design, development, testing, and implementation. Presently works with Aptima, Inc as a Senior Software Engineer at Wright-Patterson Air Force Base, responsible for applying technical knowledge to manage and operate hardware, software, and application solutions.

## **TECHNICAL SKILLS**

- Java
- JavaScript
- TypeScript
- Jest
- Bash
- C#
- C++
- RabbitMQ
- CesiumJS
- Google-Protobuf
- HTML
- Angular
- Visual Studio
- Node.js
- Elastic Stack
- MQTT
- Microsoft Office Suite
- Docker
- NGINX
- WebSockets
- NetBeans
- Git
- SQL
- React
- GoLang
- Python
- Keycloak

## **EDUCATION & CERTIFICATION(S)**

### **Wright State University**

Bachelor of science in Computer Science

Certification: Cyber Security Analytics

*Dayton, OH*

*May 2020*

## **PROFESSIONAL EXPERIENCE**

### **Aptima, Inc.**

*June 2018 to Present*

#### *Senior Software Engineer*

- Design and implement a web-based UI for existing tools while building upon existing architectures, code maintenance and testing.
- Assist in the development of applications that provide services within distributed training events, including human performance measurement capabilities, instructor control station, data analytics, warehousing, and learning assessment.
- Modify existing software while holistically understanding best practices and user experiences.
- Collaborate closely with fellow engineers for design changes and bug fixing.
- Cultivated a high-performing engineering team, recognized for exceeding technical goals and fostering innovation.

### **Wright State University**

*August 2016 to May 2019*

#### *Senior IT Support Specialist*

- Diagnosed software issues, installed updates or new software, and removed malicious programs.
- Ensured timely resolution of problems, reducing response time from 24 hours to immediate.
- Provided on-site computer repair services to all of Wright State University
- Consulted with customers regarding technological needs as well as technical problems.

## **NOTABLE PROJECTS**

### **Wright State Scheduler**

*August 2017 to March 2018*

## **PUBLICATIONS**

Gorman, J. C., Grimm, D. A. P., Robinson, F. E., Winner, J. L., Wiese, C. W., & **Roudebush, C.** (2025). Dynamic Measures of Team Adaptation. Human Factor. <https://doi.org/10.1177/00187208251314262>