

# Saffi Eden Cauthon

Senior Software Engineer II & Tech Lead

[saffi.cauthon@gmail.com](mailto:saffi.cauthon@gmail.com)

(419) 721-0249

Carmel, IN 46280

Web: [SaffiEdenCauthon.github.io](https://saffiEdenCauthon.github.io)

GitHub: <https://github.com/SaffiEdenCauthon>

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## Career Objective

I am a proven software engineer with over eight years of experience leading, developing, and implementing innovative software applications for company success.

My passion is to help integrate clean, efficient, and scalable software to produce the best solution possible.

From agile team collaboration to project management and software development - I am ready to help your current team form long-lasting, safe, and substantial growth opportunities that ensure company success.

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## Education

B.Sc. Computer Science

University of Findlay

September 2014 – June 2017

Cum Laude (3.6+ GPA)

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## Certifications

- Microsoft Office Specialist

## Hard Skills

- IEC 61131-3 (CODESYS 2.3/3.5)
- C/C++ Development
- C# Development
- Java Development
- SQL & MySQL
- CAN (J1939, CANopen, etc.)
- Embedded Systems
  
- UX & UI Design
- Qt Framework
- .NET Framework
  
- Git & GitHub

*\*References and other material provided upon request.*

## Work Experience

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### Senior Software Engineer II

OPS Controls - Carey, OH | Jan. 2017 - Current

Lead project & solution design, full-stack software development, and implementation of software applications within the wireless remote controls, heavy equipment, hydraulic, and controls system industries.

I have successfully proven to lead and deliver large-scale collaborative projects containing more than 50 contributors with industry-leading OEMs such as Cummins, Vermeer Corporation, and Link-Belt Cranes.

#### Job Duties:

- Oversaw, developed, and integrated modular software applications using IEC 61131-3, C, & C++
- Developed new & revamped legacy UI/UX design
- Helped troubleshoot, rework, and upgrade legacy software systems written by external engineering departments for industry-leading large-scale OEMs
- Improved and optimized internal processes to identify core system requirements and solutions
- Led the creation of several libraries now considered company-standard across strategic partner groups

#### Key Achievements:

- Led and secured strategic partnerships with external engineering departments within large-scale OEMs
- Developed company growth and customer demand for my department in critical business ventures
- Worked closely with product vendors to develop hardware that critically filled industry demands

### Junior Software Engineer

University of Findlay - Findlay, OH | Jan. - Dec. 2016

Assisted in product design and development of end-user resource and management solutions. Successfully implemented a web-based app for a well-established professor at the institution. Application addressed and fixed efficiency issues in group work and attendance.

#### Key Achievements:

- Provided user requirement analysis, drafted initial software requirements specification (SRS), created front-end UI, and provided further agile software development principles for early and continuous delivery of the web application used by staff
- Rewarded during UoF symposium due to high end-user satisfaction of product during its lifecycle