ANDREW LONSWAY

Senior Software Engineer

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in **alonsway**

🧭 **Noblesville, IN**

🏫 **Purdue University - BS Computer Science 2018**

CAREER OBJECTIVE

An experienced and well-rounded developer, versed with software design practices and agile development skills. Ready to take a technical responsibility or leadership within a team, and become a significant asset to an inspiring company.

SIDE PROJECTS / AWARDS

Costume Design Lighting, Audio & FX Circuitry

3D Printed costume parts with customized circuit boards, **Raspberry Pi** / **Arduino (C++)**

National Boy Scouts of America Eagle Scout

Awarded August, 2012

PROFESSIONAL EXPERIENCE

SEP

Senior Software Engineer (2023 - Current)

Designing software systems and applications, providing technical direction, defining configuration management plans and practices
Projects:

- Proprietary **IoT Android** Embedded Tablet Application & OS Support
- **Xamarin** / **Android** / **iOS** / **.NET Core Web API** IoT device management mobile app & cloud support

Software Engineer II (2020 - 2023)

Advanced software development, awareness and practice of agile practices, managed tech lead and spikes
Projects:

- **Xamarin** / **Android** / **iOS** IoT device management mobile app
- **Xamarin** / **Android** / **iOS** Diabetes care app
- **Xamarin → MAUI** migration documentation & preparation

Software Engineer (2018 - 2020)

Designing, implementing and testing various software
Projects:

- **C#/Unity Game Engine** & **Firebase** Integration Augmented Reality Prototype, internal collaboration tool & client prototype
- Tractor Firmware using **QT creator** / **C++** to refine a tech demo into a fully-fledged production-ready feature
- Varied Web UI work, including but not limited to: **C#**, **F#**, **Python ASP.NET**

Genesys / Interactive Intelligence

Software Engineer in Test, Intern (2016 - 2018)