Alfred Wallace

Software Engineer

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OVERVIEW

Software engineer with 8+ years of work experience designing and developing Windows apps for desktop and web platforms. Proven record of learning new languages and toolsets in short amounts of time. Capable of communicating effectively and professionally in both virtual and physical spaces. Enjoys problem solving and picking up new skills.

EXPERIENCE

Atapir   02/2019 - Present   Lead Software Engineer

- Designed and developed various Python and C# WPF applications used in medical research studies for patient monitoring.
- Collected and handled concurrent RGB, Infrared, and Depth video streams in multiprocessed programs that performed face and body tracking using Machine Learning models.
- Used signal processing libraries to estimate vital signs in real-time.
- Delivered video feeds and calculations to a central React application that could review multiple instances of the monitoring software on a local network.

Toastmasters International   06/2016 - 02/2019   Application Developer

- Developed and took responsibility for ASP.NET MVC web applications on company website that handled credit card transactions and displayed receipts using C# and Javascript.
- Worked closely with QA team and DB admin to resolve data inconsistencies across test and live Microsoft SQL Server environments.
- Participated in daily Scrum sessions and followed Agile methodologies.
- Was a founding member and former president of inter-departmental Public Speaking Club.

EDUCATION

University of California, Berkeley

Full-Stack (MERN) Bootcamp   2024

University of California, Irvine

B.S. (Computer Science)   2016

SKILLS

**NodeJS / Express / React / Bootstrap CSS / Python / C# / Git
MS SQL Server/ MySQL / Powershell / Agile / Scrum / SDLC**