Robert Bradshaw

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Education

2013-2017   University of Maryland, Baltimore County   Baltimore, MD
Bachelor of Science, Computer Science   GPA: 3.36   Graduated December 2017

Work Experience

Senior Software Engineer, OpenPath Products, Remote   (Oct 2020 – Current)

- Leadership roles on several Android mobile projects.
- Utilized MVVM and MVI architectures
- Integrated Bluetooth and serial USB technologies to connect to external devices
- Technical Lead on multiple teams
- Written several Unit and UI tests utilizing Gherkin and Cucumber
- Ran training on updates to the android platform for multiple new technologies
- Demonstrated our apps to customers, fielding questions as they come
- Leading development of a new Android WearOS project (first for the company)

Software Engineer, Quality Support Inc., Manassas VA   (Jan 2018 – May 2020)

- Spent two months working with the integration team on both rigorously testing our applications and maintaining webservers and databases.
- Developed, Upgraded, and Repaired several front-end pages utilizing Sencha Ext JS (JavaScript) in an MVC/MVVM hybrid ASP.NET framework.
- Actively set up and maintained an IIS webserver for our applications, for both integration and development purposes.
- Experience using Entity Framework with C#
- Ran a training on our database architecture for the team

Intern, Progeny Systems, California MD   (May 2017 – August 2017)

- Worked as on the integration team
- Developed several automated tests utilizing Robot Framework and Java

Technical Skills

Programming languages: Kotlin, C#, Java, Javascript, Python, C/C++
Web Development: Sencha Ext JS, HTML, XML, CSS, PHP
Tools: Atlassian (Jira), Jetpack Compose (Mobile and WearOS), ASP.NET, Entity Framework, GitHub, Microsoft Server Management Studio, Subversion (Tortoise SVN)
Operating Systems: Windows (7,8, and 10), Batocera, Linux Mint, Ubuntu Server, Raspbian, Retropi
Certifications: Security+ and Scrum Master

Projects - https://robertbradshaw.dev/

Pokémon Watch Face (May 2022)

- Android Wear OS watch face
- Daily updates with new image and sound resources
- Tracks users step count using internal sensors
- Displays users battery percentage in a custom bar