

Ricardo Amaya

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LinkedIn: [linkedin.com/in/ricamaya](https://www.linkedin.com/in/ricamaya)

GitHub: github.com/ramaya314

Portfolio: ricamaya.com

TECHNICAL SKILLS

- **Proficient:** C#, .NET, Xamarin, JavaScript, ReactJS, React Native, Redux, Java, Android, iOS, Node.js, SQL, SQLite, Firebase, XAML, XML, Visual Studio, jQuery, HTML5, CSS3, Photoshop, Git, Jira
- **Exposure:** Python, Unity, Angular 1.7, ASP.Net, MS SQL Server, MySQL, PHP, AWS, XCode, Android Studio

PROFESSIONAL EXPERIENCE

Tracen Technologies | Senior Software Engineer | Manassas, VA

Dec 2013 - Present

- Engineered framework for repeatable rapid mobile development and maintenance of hybrid mobile applications using C#, .NET, Xamarin, SQLite, Android, and iOS, leading to creation of 27 mobile apps on Google Play and App Store.
- Reduced development time of full applications to under 1 month and secured awards totaling over \$5,000,000 in D.O.D mobility development and maintenance contracts for development team of 3 engineers.
- Enhanced US Navy's Sailor training and education system by developing data driven courseware and questionnaire mobile apps using Xamarin, C#, and JavaScript, leading to 50,000+ sailors completing courses.
- Built secure static front-end for official [U.S. Navy Mobile App Store web app](#) using JavaScript and Angular 1.7 to centralize data and app store links, screenshots, and descriptions for 100+ official U.S. Navy mobile applications.
- Developed front end of mobile app analyzing video of baseball pitches providing pitch analytics data with JavaScript, React Native, Redux, Firebase, Objective-C, and Java, increasing availability of algorithm to over 200K devices.
- Created job dispatch forms and job monitoring software to manage field workers from centralized command post successfully creating, validating, and completing over 200,000 jobs using C#, ASP.NET, Java, and Objective-C.
- Resolved and wrote technical documentation for solution of over 300 tickets for bugs, tasks, and new requirements using Jira while following Agile methodologies.

red2whYte LLC | Game Systems Programmer | Winchester, VA

Feb 2013 - Jun 2015

- Engineered and developed main engine and artificial intelligence for video game projects by coding reusable and extendable AI engine for 20+ different game elements using C# and Unity 3D.

EDUCATION

Bachelors in Applied Computer Science, *George Mason University (pending)*

Associate in Applied Science Degree in Software Development, *Lord Fairfax Community College*

VOLUNTEER WORK

Catharsis on the Mall | Web Developer | [live](#)

Nov 2017 - Present

Vigil for creating accessible spaces for healing through direct participatory art, political action, political action, holistic modalities, and sacred practice

- Designed and maintained festival's website, graphics, and user experience using JavaScript, PHP, Wordpress, HTML5, CSS3, and Photoshop, growing visibility of website to 300,000+ views through over 30 custom pages.
- Led team of 4 in maintaining and curating data for 100+ different events, artists, theme camps, and art installations.

But What About | Full Stack Engineer | [live](#)

Apr 2018

Reference database for social justice tools and resources.

- Architected front-end and back-end of web app that makes information of 5,000+ podcasts, books, organizations, and documentaries instantly available and searchable by using data retrieved from Google Spreadsheet.
- Displayed documents in searchable and filterable carousel components using ReactJS, Redux, Node.js, and AWS.

Mason DREAMers | Web Developer | [live](#)

Aug 2016 - Present

Student organization advocating for undocumented students through education and learning

- Rebuilt back-end and front-end of website that automatically aggregates blog posts, social media updates, events, and external news using React, Redux, Bootstrap, Node.js, Google API, HTML5, CSS3, JS, AWS.
- Increased annual active users from 300 on first year to 2.7k on latest year.

Prohibited Podcast | Web Developer | [live](#)

Jan 2019 - Present

A podcast about prohibition.

- Developed Wordpress website and media delivery services for iOS, Android, RSS feeds, and Spotify, for podcast about prohibition in all aspects of society, reaching over 2,000 unique episode downloads in first 5 months.