

Software Engineer with over ten years of diverse experience leading teams and leveraging JavaScript libraries and frameworks to deliver dynamic, award winning web and mobile applications.

## Work Experience

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<b>Senior Engineer</b>	<b>Cantina Consulting</b>	<b>01/19 - Present</b>
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*HomeTurf, Team Lead*

- Spearheaded the transformation of a mobile app from concept to the iOS and Android app stores in 90 days
- Delivered a second screen experience that supplemented NFL games by serving contextual content such as: in-game media assets, select stadium performances, chat, trivia, polls, player and sports betting statistics
- Integrated audio fingerprinting libraries, enabling users to synchronize their app experience with their broadcast delay

<b>Technical Consultant</b>	<b>Cantina Consulting</b>	<b>11/14 - 01/19</b>
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*Your Call Football, Team Lead*

- Led development of a novel mobile application—where users vote to direct plays in a live football game—shortlisted for the 2019 Yahoo Sports Technology Awards, Best Technology for Fan Engagement Award
- Implemented a low latency live-stream to facilitate real-time play selection without interrupting on field operations
- Actualized a sharing paradigm that resulted in 62% of users sharing their game score or inviting others to play

*Newport Folk Festival, Team Lead*

- Evaluated and implemented react-native for a rebuild of a pro bono mobile app, which reduced staffing costs by 50% and was a catalyst for selecting react-native on subsequent mobile projects
- Utilized Kinvey—a Backend-as-a-Service platform—to manage artist and event data and handle push notifications

*FundVisualizer by Putnam Investments, Engineer*

- Developed interactive, data driven visualizations to improve the user experience of a fund selection and comparison tool, which won the 2017 Media Post, Business Appy Award and the Fund Intelligence Best Mobile App Award
- Optimized front-end resources and consolidated network requests to reduce the application's initial load time by 12%

<b>UI Developer</b>	<b>Boston Financial Data Services</b>	<b>10/13 - 11/14</b>
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- Implemented responsive design to rebuild the company's marketing website
- Maintained 11 state run 529 college savings plan websites by developing new features, fixing reported bugs, and refactoring legacy code based on client needs

## Personal Projects

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<b>Freelance Consultant</b>	<b>Aaron Allan</b>	<b>01/11 - Present</b>
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- Provide client-tailored engineering services to startups and agencies including Maze Consulting, Gigster and Aquoto (acquired by Mavenir)
- Foster long-term client partnerships through shared decision making and successful product delivery

<b>Founder</b>	<b>Traditional Strings</b>	<b>09/08 - 11/13</b>
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- Created a Lacrosse apparel brand that generated \$6k annually and used a portion of proceeds to donate lacrosse sticks to underserved communities
- Developed an e-commerce website that accounted for 35% of revenue and tracked and displayed stick donation progress

## Education

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<b>University of Massachusetts Boston</b>	<b>09/06 - 05/11</b>
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BS, Management (concentration): Management Information Systems, Cum Laude

- Finalist in University Business Launch Competition
- University Lacrosse team, served as Captain for two years, played all four years

## Skills

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Languages: (proficient): HTML, CSS(Less/Sass), JavaScript(ES5/ES6+), (familiar): Java, Objective-C  
Frameworks/Tools: React, React-native, Angular, d3, Firebase, AWS, GIT, iOS, Android, Shopify