

# Azeem Bande-Ali

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## Education & Skills

### Bachelor of Science, Physics

2013

Georgia Institute of Technology, Honors Program

Language Proficiency: C++, Python, JavaScript, C

## Work Experience

### Software Engineer, Backend - Instant Bloomberg

2016 - Present

- Team owns the distributed system that manages all state and processes all events for the instant messaging application
- Backup team lead responsible for project planning and team coordination
- Tech lead responsible for architecture decisions and leading design discussions
- Researched and implemented improvements to the C++ build times
- Removed complex legacy dependencies from the system to improve portability

### Software Engineer, Frontend - Instant Bloomberg

2013 - 2016

- Team rewrote the instant messaging application using an Electron-like framework in JavaScript leading to a more interactive and powerful UI
- Led project to integrate with newly architected backend with a scrum team of 4 developers over 6 months
- Tech lead responsible for architecture decisions and leading design discussions
- Led biweekly meeting with frameworks team to identify and prioritize outstanding issues and improved turnaround time on blocking issues

## Initiatives and Projects

### Bloomberg

#### Champs Program

- Part of the Champs program that is designed to empower active and engaged engineers to **identify and solve technical problems** across the organization
- I am expected to drive cross-company initiatives by **communicating, gathering feedback and building solutions**
- I am expected to provide **technical mentorship** for the areas I cover

#### Talks:

- **Introduction to ES6** (2015): A talk about the new features in JavaScript which was attended by 200 engineers
- **WebAssembly** (2017): A talk covering the purpose, state and future of WebAssembly which was attended by 200 engineers
- **Precompiled Headers in C++** (2018): A talk covering the benefits and viability of using precompiled headers at Bloomberg for the Champs program

#### Tools:

- **bbsmith**: A chrome extension that is installed globally at Bloomberg. It was the first extension to be developed internally and only one to be installed globally at Bloomberg. Used heavily for integrating the Bloomberg Terminal and the browser.
- **badger**: A python tool to automate sending reminders for missed code reviews.
- **control-train**: Tool to configure test services to run without a Bloomberg-specific developer environment

### Personal Projects

- [sublimelfund.org](http://sublimelfund.org): A website to make donating easier. I was involved from creation to its first release.
- [eslint-plugin-json](https://www.npmjs.com/package/eslint-plugin-json): A npm plugin for eslint to support linting of JSON. Installed more than 1 million times.
- Additional projects at [azeemba.com](http://azeemba.com)