

# BRAXTON FREDERICK

SOFTWARE ENGINEER

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## EDUCATION

### Rochester Institute of Technology

Year: 2016

Major: Game Design and Development

Minor: Software Engineering

GPA: 3.74 / 4.0

## SKILLS

### Languages

Javascript, HTML, CSS, SASS  
Elixir, PHP, Java

### Frameworks

Node, Express, Koa, Phoenix  
Vue, React, Backbone

### Databases

MongoDB, Redis, SQL, Postgres

### Tools and Tests

GIT, SVN, JIRA, Jasmine, Mocha, Jest

### Methodologies

Agile, Scrum, Kanban

## REFERENCE

References available upon request

## WORK EXPERIENCE

<b>Software Engineer</b> Dec 2016 - Present	<b>Constant Contact</b> • Incrementally improving the feature set of the drag-n-drop email editor • Authored several internal tools to help ease the development experience	<b>Boston, MA</b>
<b>Software Engineer Intern</b> May 2016 - Sept 2016	<b>Constant Contact</b> • Worked closely with Senior devs on the drag-n-drop email editor • Responsible for an automated visual diffing tool for internal use	<b>Boston, MA</b>
<b>Software Engineer Intern</b> Jan 2015 - May 2016	<b>Pictometry Inc</b> • Implemented new features for a visual GIS app for denoting geographic features • Used GIS data with PostGIS • Extended an existing PHP API	<b>Rochester, NY</b>
<b>Technician</b> Oct 2013 - May 2015	<b>Rochester Institute of Technology</b> • Made chrome extentions to help automate common tasks • Helped maintain custom ticketing and inventory software • Started a new employee training web app	<b>NY</b>

## FEATURED PROJECTS

**DeIVR** **Node, Javascript, WebGL**  
Design a dungeon in a top down editor, then delve into it in full VR!  
• Responsible for user storage, authentication, comments, and preview thumbnail creation  
• Worked on generating 3D VR representations of the dungeons in a performant and mobile friendly way

**Bloxeo** **Mongo, Redis, WebSockets**  
A real-time visual brainstorming app based on grouping post-it notes  
• Designed and implemented real-time multi-user interactions  
• Used a mix of MongoDB and Redis for temporary and persistent data storage  
• Developed User authentication, validation, and real-time voting  
• Helped to convert from Sails to the Express framework