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, Java, C#, Ruby, Swift, PHP
Typescript, HTML, CSS, SASS

Frameworks
React, Xamarin, Vue, Backbone
Express, Spring, Rails

Databases
Postgres, SQL, MongoDB, Redis

Tools and Tests
Docker, EC2, ECS, Lambda, S3
GIT, JIRA, Jest, Webdriver
Datadog, Newrelic, Kibana

Methodologies
Agile, Scrum, Kanban

REFERENCES

References available upon request

WORK EXPERIENCE

AMAZON WEB SERVICES   Boston, MA
Migration Services

Frontend Engineer II
Oct 2019 - Present

- Created tools to facilitate planning migrations from on-premise computing to the AWS cloud
- Assisted with rolling the Migration Hub service out to several new AWS regions
- Visualized network relationships between application servers and databases via custom SVG graphs
- Optimized React and SVG rendering to handle large data sets
- Architected and built the frontend for an on-premise data collection console

DRAFTKINGS   Boston, MA
Payments

Senior Software Engineer
May 2019 - Oct 2019

- Organized a frontend guild focused on tackling challenges shared by multiple teams
- Built a mobile SDK for securely taking payments across multiple product apps

Software Engineer
Aug 2017 - May 2019

- Devised a consumption pattern for prerendered widgets and associated JavaScript
- Developed multi-product UI components
- Integrated third parties for payment processing

CONSTANT CONTACT   Boston, MA

Software Engineer
Dec 2016 - Aug 2017

- Wrote a replacement rich text editor for a WYSIWYG drag and drop email editor
- Modernized build tooling by introducing webpack and ES6 transpiling via babel

Software Engineer Intern
Dec 2016 - Aug 2017

- Authored several internal tools automate repeat development tasks
- Setup visual-diff testing for generated emails across different builds and email clients

PICTOMETRY   Rochester, NY

Software Engineer Intern
Jan 2015 - May 2016

- Implemented new features for a visual GIS app for denoting geographic features
- Manipulated GIS data with PostGIS
- Extended an existing PHP backed API