

# Eliza Jane Mitchell

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## SUMMARY

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Advocate for good software practices including the adoption of a style guide, adhering to agile methodology, and promoting good communication between team members

## TECHNICAL SKILLS

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**Languages:** TypeScript, JavaScript, Ruby, Python, SQL, HTML, Sass, CSS

**Databases:** MySQL, PostgreSQL, Amazon Athena, Amazon Aurora

**Software/Tools:** NodeJS, Angular (4+), Git, Rails, React, React Router, Pandas/Numpy, AWS, Mocha/Chai, RSpec, Capybara, Jasmine/Enzyme, Karma, Ionic, Unix/Linux, macOS

## PROFESSIONAL EXPERIENCE

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### Neurala

Boston, MA

*Software Engineer, BrainBuilder Team*

*Jul 2018 — present*

- Innovating on a small team creating a multi-faceted application that provides scene recognition and segmentation solutions for commercial groups without experience in AI/ML models
- Building a strong skill set in back-end development using TypeScript and Node, including API design and writing service integrations from other teams
- Designing components and other front-end features using Angular, Chartist, and Ionic to display user data elegantly and in a performant manner
- Developing the ability to quickly update a product based on changing business needs

### Artisan's Asylum

Somerville, MA

*Software Developer, volunteer part-time*

*Oct 2018 — present*

- Assisting a non-profit by building tools to aid member services coordinators
- Working closely with a senior engineer to develop a maintainable and accessible application using Ruby on Rails
- Honing research and problem-solving techniques to apply new skills on demand

### Wellington Management

Boston, MA

*Software Engineer, Research Data Analytics Team*

*Oct 2017 — Jul 2018*

- Architected vital backend and ETL services to optimize the company's use of data for investment purposes, including pipelines in AWS to provide real-time datasets
- Aided in the full-stack development of the research analytics ecosystem, which included a site built in Node/Angular with custom dashboards in Plotly Dash and Tableau
- Accrued significant experience in the research and development of custom tools to solve unique problems for investors

### Launch Academy

Boston, MA

*Jr. Full-Stack Web Developer*

*Jun 2017 — Aug 2017*

- Gained practical experience in an immersive software development bootcamp
- Collaborated with a team of developers on a multi-week project from conception to deployment using Ruby on Rails and React
- Implemented team version control methodologies using Git as well as practiced TDD with RSpec/Capybara and Jasmine/Enzyme

## EDUCATION

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### UMass, Commonwealth Honors College

Amherst, MA

B.S. Mathematics, Concentration: Applied Mathematics

*Sep 2011 — Feb 2016*

B.A. English, Departmental Honors

*Magna Cum Laude*