

## JAMES PATRICK FULFORD

Harvard-educated American Software Engineer and Mathematician  
seeking intermediate-level opportunity in Machine Learning or Web Development.

### ACADEMICS

|   |                                |             |                |
|---|--------------------------------|-------------|----------------|
| Harvard University (online)             | Masters, Info. Mgmt. Sys.      | GPA 4.00    | 2018 - current |
| Charter Oak State College (online)      | Bachelors, Business and I.T.   | GPA 4.00    | 2018           |
| Rivier University                       | Bachelors, Math and Comp. Sci. | GPA 3.99    | 2014 - 2017    |
| Manchester Community College            | Associates, Computer Science   | GPA 4.00    | 2016           |
| Virtual Learning Academy Charter School | High School                    | GPA 4.00    | 2015           |
| Massachusetts Institute of Technology   | Summer Program                 | Distinction | 2014           |

### Highlights

- Perfect GRE math score 2017
- Published in peer-reviewed journal (ISSN 1559-9388), cataloged at Library of Congress 2017

### EXPERIENCE

#### Front-end Software Engineer, Cisco Systems, Boxborough MA 2018 - current

Developed UI for Customer Journey Platform (cloud call center / customer service product)

- Control Hub: *AngularJS, TypeScript, Karma/Jasmine Unit Testing, Git*
- Agent Desktop: *AngularJS, Mocha/Sinon/Chai Unit Testing, Jenkins*

#### Software Engineer, C Squared Systems, Auburn NH 2017 - 2018

Released Network Device Monitoring Software, QA development

- QA Development: *Python, SQL, pandas*
- Release Engineering: *Ansible, Bash, Linux, MySQL Administration, Python Scripting*

#### Web Developer, Manchester Community College, Manchester NH 2017

Maintained and upgraded college's LAMP-stack website (part-time)

- Data Integrity: *Python web scraping, SQL*
- CMS: *jQuery, Javascript, HTML, CSS, Joomla*

#### Web Developer, Family Business, Amherst NH 2014 - 2017

Assisted in executing digital marketing plans for high-profile customers (part-time)

- Web Design: *Javascript, HTML, CSS*
- Social Media Automation: *Python, REST API integration*

### INDEPENDENT PROJECT

#### Founder, An Ounce of Silver Ministries, Amherst NH 2018 - current

Architected, built, and deployed 'Is It Shabbat?', a react-native iOS app

- App: *React-Native, Redux, Mocha/Sinon/Chai/Enzyme Unit Testing*
- Miscellaneous: *NPM publish ('shabbat-logic'), BitBucket Pipelines, Git, SonarQube, NPM, Mocha*

### HACKATHONS AND TRAINING

Udacity's Autonomous Vehicle Nanodegree, *Used Neural Networks and Computer Vision Techniques* current

Two Sigma's Halite II Hackathon, *Developed Python3 bot* 2017 - 2018

### SKILL SETS

**Front-end:** React/React-Native, AngularJS, Typescript, Mocha, Karma  
jQuery, HTML5, CSS3, Javascript ES6+

**Back-end:** Python, Node, REST APIs, SQL, pandas, OpenCV, TensorFlow, Keras

**Other:** Linux, Ansible, NPM, Agile, CI/CD, Jenkins, Git, GitHub, SonarQube