

JAMES PATRICK FULFORD

Harvard-educated American Software Developer and Mathematician
seeking intermediate-level opportunity in Machine Learning or Computer Vision.
Long-term aspirations include doctoral studies at MIT.

ACADEMICS

Harvard University – Extension, Cambridge MA Masters, Info. Mgmt. Systems	GPA 4.00	current
Charter Oak State College, New Britain CT Bachelors, Business and I.T.	GPA 4.00	2018
Rivier University, Nashua NH Bachelors, Math and Computer Science	GPA 3.99	2017
Manchester Community College, Manchester NH Associates, Computer Science	GPA 4.00	2016
Virtual Learning Academy Charter School, Exeter NH High School	GPA 4.00	2015
Massachusetts Institute of Technology, Cambridge MA 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

Cisco Systems, Boxborough MA | Front-end Software Engineer 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*

C Squared Systems, Auburn NH | Software Engineer 2018

Released Network Device Monitoring Software, QA development

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

Manchester Community College, Manchester NH | Web Developer 2017

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

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

Family Business, Amherst NH | Web Developer 2014

Assisted in executing digital marketing plans for high-profile customers (part-time) to 2017

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

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

Back-end: Python, Node, Express, RESTful APIs, XML, JSON, SQL, pandas, OpenCV, TensorFlow

Miscellaneous: Linux, Ansible, NPM, Agile (scrum), CI/CD, Jenkins, Git, GitHub, SonarQube

INDEPENDENT PROJECT

An Ounce of Silver Ministries, Amherst NH | Founder 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 BOOTCAMPS

Udacity's Autonomous Vehicle Nanodegree Program | Machine Learning and Computer Vision current

Two Sigma's Halite II Coding Hackathon | Python3 bot developed 2018

Colt Steele's Web Developer Bootcamp | full-stack app developed 2017

Dyn Hackademy | invitation only, youngest attendee 2016