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## CREED J ALLEN

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### EDUCATION

<b>Amherst, MA</b>	<b>University of Massachusetts Amherst</b>	<b>Fall 2014- Spring 2017</b>
<ul style="list-style-type: none"><li>• B.S. in Computer Science. GPA: 3.3; 3.5 in major.</li><li>• Coursework: Software Engineering; Databases; Algorithms; Data Science Algorithms; Operating Systems; Machine Learning; Networks; Statistics; Artificial Intelligence; Usability.</li></ul>		
<b>Worcester, MA</b>	<b>Quinsigamond Community College</b>	<b>Spring 2013 – Spring 2014</b>
<ul style="list-style-type: none"><li>• A.A. in Computer Science, May 2014. GPA: 3.68</li><li>• Worked full-time while completing A.A.</li></ul>		

### LANGUAGES AND TECHNOLOGIES

- Java; Javascript; Python; Scala; SQLite. Exposure to: Bash; MongoDB; C, C# and HTML/CSS design.
- Git; Agile & Waterfall dev, TDD; AWS EC2; Spark; IntelliJ, Java EE, Play Framework.

### PROJECTS

- **Tip Tracker** - Delivery tip tracking web app that estimates hourly wage and work related expenses based on user profile and input. Features graphics and custom statistics. Javascript, D3, MySQL.
- [\*\*Molecular Playground\*\*](#). Team designed MVC site to create and display 3D molecules w/Microsoft Kinect 360. Lead document editor. Recommended for future project manager role. Javascript, HTML, CSS, MongoDB.
- **eBay Auction Appraiser**. Appraises trading card collections posted on eBay by comparing listing items to prices in a database. Sold application to an online retailer. Java, eBay SDK, Java DB.
- **Holdem Game Engine**. Back end for running a poker game with connected players. Evaluates, updates and distributes game state to players. Currently developing into a user-based web client using Java Play framework. OOP.
- [\*\*Local Search Engine\*\*](#). Suite of tools that implement information retrieval processes including: crawler, preprocessing, ranking, querying and performance evaluation. Java.
- [\*\*QCC NetBeans Java Palette\*\*](#). Plugin for NetBeans that aids intro programmers in learning Java syntax. Plugin is in use at QCC for the intro CS course and maintained by current students.

### PREVIOUS WORK EXPERIENCE

- **Peer Advisor (2013-2015) Quinsigamond Community College:**
  - Advised students in the CS program on coursework and transfer credit evaluation.
  - Recommended requirement changes to CS dept to help QCC students succeed at 4 year institutions. Our suggestions were later adopted into the program.
- **Delivery & Temp IT (2011-2016): Papa Gino's.**
  - While working as a delivery driver I increased the online visibility of our location by managing business profiles for map services, boosting new delivery sales.
  - Interest in IT lead to a temp shift at our location where I fixed bugs in our local PoS network, generated tickets for bugs in 3rd party software and conducted IT duties maintaining equipment.
  - Recommended for role training managers in company technology by our regional manager.