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CREED J ALLEN

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EDUCATION

Amherst, MA	**University of Massachusetts Amherst**	**Fall 2014- Spring 2017**

- B.S. in Computer Science. GPA: 3.3; 3.5 in major.
- Coursework: Software Engineering; Databases; Algorithms; Data Science Algorithms; Operating Systems; Machine Learning; Networks; Statistics; Artificial Intelligence; Usability.

Worcester, MA	**Quinsigamond Community College**	**Spring 2013 – Spring 2014**

- A.A. in Computer Science, May 2014. GPA: 3.68
- Worked full-time while completing A.A.

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.