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 gregfrasco

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Greg Frasco

EDUCATION

Wentworth Institute of Technology   *Expected August 2016*
Bachelors of Science in Computer Science
Course Work: Machine Learning, Data Science, Artificial Intelligence, Database Application
Major GPA: 3.67 – Overall GPA: 3.3 – Dean's List (7 Semesters) – William F. Gilbert Jr. Award

Springfield Technical Community College   Sept 2012 - May 2013

TECHNICAL SKILLS

Programming Languages: Java, Android, SQL, Python, LabVIEW, C++, C, VB.
SQL Environments: Oracle, MySQL, SQLite, and PostgreSQL, H2, JPA.
Platforms and Hardware: Windows, Mac, Linux, Arduino, Raspberry Pi, Microcontrollers, and Virtual Box.
Software: NetBeans, Android Studio, Eclipse, Visual Studio, Git, Mercurial, Subversion, Microsoft Office.

EMPLOYMENT

Startup Code Works – Cambridge, MA – *Software Developer Intern*   May 2015 – Sept 2015
- Helped autism research by developing a system to record sequences of autistic triggers and send data to researchers.
- Developed and tested application for classroom-level survey assessments for K-12 education to provide research and analytics insights about teaching practices, student engagement, and school climate.

UTC Aerospace Systems – Windsor Locks, CT

Space Systems – Systems Engineering – Computer Science Intern   April 2014 – Sept 2014
- Team Leader in the production of an application to reduce development time of components for the Aerospace Industry.
- Integrated a companywide Excel Ribbon Tab with modular tools that communicated with other software applications.
- Created large and robust application utilizing Model View Controller design pattern.

Air Management Systems – Metrology – Computer Science Intern   June 2013 – Aug 2014
- Created a tracking application that uses radio frequency identification system to locate tools and parts across the facility.
- Updated flow calibration meters communication ports to USB 3.0 to synchronize with updated calibration hardware.
- Created software that assigned tasks to technicians for machine calibration, along with calibration reports and accuracy.

PROJECTS

2016 Primaries Election Prediction – Java – Machine Learning   Sept 2015 – Dec 2015
- Forecasted the outcome of the 2016 primarily elections by a machine learning application to read users' twitter account and use sentiment and partisans analysis to determine who the user would vote for.

WIT-Google – Java – B+ Search Tree   Jan 2015 – May 2015
- Created a search engine for the Wentworth Community to find courses and professor's information.

James Michel Curley's House Museum – Java, C++ – Game Design   Jan 2015 – May 2015
- Developed and curated an online house museum, and built an application used to tour the inside of the historic manor.

More Projects At: gregfrasco.github.io/projects

INVOLVEMENT

Accelerate, Innovation and Entrepreneurship Center - Wentworth Institute of Technology - Boston, MA
Web Developer and Systems Analyst   Jan 2015 – *Present*
- Design, develop, and maintain a website for Accelerate to help spread awareness of events and entrepreneurial updates.
Innovative Thinker and Entrepreneur Collaborator   Sept 2013 - *Present*
- Involved in a Competitive entrepreneurial program focusing on design for invention ideas and projects for the market.

Wentworth Wellness and Disability Services – Tutor – Boston, MA   Jan 2014 - *Present*
- Work 1-on-1 with several students with disabilities to increase their scores by a letter grade.

Wentworth Leadership Institute – 16 week Leadership Workshop – Boston, MA   Sept 2013 – Dec 2015
- Learned skills in conflict management, diversity, mentoring, generating innovative ideas, and ethics.

FIRST Robotics – Mentor – Boston, MA   Sept 2009 – Dec 2015
- Extensively work with team members to designing, building, and fabricating a functional robot for Competition.
- Teach and solve real world problems using problem solving, systems engineering, leadership, and software skills.