Nicklaus John Connor

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PROFESSIONAL SUMMARY

I am an analytical thinker with a passion for lifelong learning and growth. Highly motivated by challenge and excited by competition, I intend to leverage my strengths to succeed as an entry-level software developer.

EDUCATION

Tech Elevator - Columbus, OH   August 2017
Participated in 14-week Java coding bootcamp learning how to develop dynamic web based software systems using the Java programming language and full-stack development principles

The Ohio State University - Columbus, Ohio   May 2015
B.S. Mechanical Engineering   GPA (4.00 scale): 3.676
Honors: Cum Laude, Dean's List

TECHNICAL SKILLS

Web Development: HTML, CSS, Java, Javascript, Swift - basic, jQuery, Servlets, JSP, Spring Web MVC, Tomcat
Database Programming: JDBC, table design and creation, SQL queries and DML, PostgreSQL, E/R diagrams
Development tools and techniques: Agile, unit testing (JUnit), integration testing, TDD, unix command line navigation, Git, Eclipse, Selenium, Cucumber
Software Packages: AutoCAD, SolidWorks, CAMWorks, MATLAB, illustrator, Photoshop, and ableton
Certifications: SolidWorks Associate

TECHNICAL PROJECTS

National Parks Website - Designed and developed a National Parks website as a team of two. Functionality included reading/writing to SQL Database, organizing relevant data, generating user survey, and testing with Selenium
National Parks Site Registration - Developed National Parks application utilizing paired programming. Operated in command line, allowed users to look up park information and place reservations via PostgreSQL RDBMS
Drum Coach iOS App - Utilized Swift development techniques to create basic iPhone app that allows for automation of practice routine and tracking of rudiment progression - actively in development

WORK EXPERIENCE

General Motors   July 2015 - July 2017
Design Release Engineer - Warren, Michigan
- Led a team that tracked, reported, and improved any potential customer complaints proactively as reported by company drivers to improve the launch of 4 programs
- Analyzed warranty data and oversaw continuous improvement for over 15 different models; improved team's internal quality metric by 39%
- Communicated and coordinated with plant operators, quality engineers, and customers to problem solve in an efficient and effective manner to lower customer complaints and meet year-end warranty data goals

Quality Engineer - Arlington, Texas
- Supported multiple vehicle launches, ensuring that Cadillac, GMC, and Chevy Full-Size Trucks were built at the highest quality
- Utilized fast response problem solving skills to ensure all defects contained efficiently and robustly
- Communicated with team members and leaders on the assembly line to determine root cause of build issues and reported lessons learned across the organization

ACADEMIC ENGINEERING PROJECTS

Robot Design Project   2012
- Designed fully functional autonomous robot for competition as a member of four person team
- Utilized Interactive C and HandyBoard robotic controller to create programming functionality