

ELLIOT HUTCHINSON

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SKILLS

Java: JDBC, Hibernate, Servlets, Struts, Spring, JSP, Tiles, JavaFX, JUnit, Maven

Python: Python 2.x, Python 3.x, pycopg2, SQLAlchemy, Flask, Jinja, Django

Data: SQL, Oracle Database, PostgreSQL, Redis, JSON, XML

Web: JavaScript, jQuery, Angular, HTML, CSS, Bootstrap, REST

Tools: Linux, Bash, regex, Git, Vagrant, Heroku, Apache, WebLogic, Jenkins, UML, Eclipse, Photoshop

PROJECTS

Employee Management Portal — eIntern, Fall 2015

Developed a multi-role employee portal. Incorporated functionality for employees to edit their profile, for managers to add and edit department employees, and for administrators to grant and revoke manager and admin status to existing employees.

Document Similarity Analysis — Software Testing (FGCU), Spring 2015

Developed a document similarity web app incorporating text comparison analyses including distance, set similarity, and cosine similarity algorithms. Utilized test-driven development and test-first approach and used continuous integration to automate and track test case progress and branch coverage.

Learning Management System — Software Project in Computer Networks (FGCU), Fall 2014

Developed a course management web application for a faculty member that enabled instructors to manage and add course content and included functionality for correspondence, project archival, and assignment and lesson delivery.

Bicycle Computer — Software Architecture & Design (FGCU), Fall 2014

Designed and built a bicycle computer for fitness tracking that recorded ride data including speed, distance, and cycling cadence and developed a desktop client application to view recorded trip data and generate graphs for each ride.

EXPERIENCE

Software Engineer, eIntern, Reston, VA — September 2015-November 2015

Designed and developed Java enterprise applications and projects including development of a parts catalog and inventory system and an employee management portal

Quality Assurance Clerk, US Census Bureau, Fort Myers, FL — April 2010-September 2010

Investigated work of enumerators, solved discrepancies in collected data and wrote reports, conducted phone interviews with households, securely handled sensitive data on a daily basis

Clerk, Lee County Elections, Fort Myers, FL — Fall 2010

Managed and oversaw poll workers, ensured tasks of others were completed properly, assisted voters with provisional ballots, tallied end-of-day votes

Resident Technician, Staples, Fort Myers, FL — October 2009-May 2010

Diagnosed, fixed, and upgraded computers, educated customers on technologies and best practices, provided excellent customer service, instructed coworkers on proper techniques

EDUCATION

Software Engineering (B.S.), Florida Gulf Coast University, Fort Myers, FL — Spring 2015

GPA: 3.39, Major GPA: 3.83

Electives: Data Engineering, Data Acquisition, Ethical Issues, Psychology, Professional/Creative Writing

Involvement: *IEEE Computer Society, Computer Science Club, Hobby Game Club, Bicycle Commuter*

Volunteerism: *Lego League Robotics, STEM Tour, Solar Go-Kart Challenge, Calusa Nature Center*