ANNE L. WHITMAN

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EDUCATION:

RUTGERS UNIVERSITY

B.S. IN COMPUTER SCIENCE

NEW BRUNSWICK, NJ | MAY 2018

GPA: 3.843

INVITED TO JOIN GOLDEN KEY HONOUR SOCIETY

BROOKDALE COMMUNITY COLLEGE

A.S. IN COMPUTER SCIENCE

LINCROFT, NJ | MAY 2016

GPA: 3.92

MEMBER OF PHI THETA KAPPA

TECHNICAL SKILLS:

LANGUAGES:

Java/JSP • C • PHP • Python • HTML • CSS • JavaScript • SQL • Visual Basic.NET • x86 Assembly

DEVELOPMENT PLATFORMS:

Eclipse • Virtual Machine (Ubuntu server) Development • Laravel Framework • MySQL Workbench • Ignition Software • Apache Tomcat

OPERATING SYSTEMS:

Windows • macOS • Linux/Ubuntu

ARCHITECTURES:

Client/Server Applications • Process/Thread-based Coding • Robust Code Design • Web/Application Development

RELEVANT COURSEWORK:

Internet/Network Technology • Computer Architecture • Discrete Structures/Probability • Principles of Programming Languages • Systems Programming • Operating Systems • Computer Security • Algorithms • Database (SQL) • multiple Java courses • Data Structures • VisualBasic.NET • UNIX • System Analysis and Design

LINKS:

Ilab.rutgers.edu/~alh220

bitbucket.com/aniel928

EMPLOYMENT HISTORY

Student Application Developer | *Rutgers ITaCS* |Nov 2017 – [May 2018]

- Student position through Rutgers University, responsible for programming web applications using Laravel Frameworks (PHP), JSP, and/or Javascript through a virtual machine Ubuntu server environment using MySQL and Firebase for database access
- Responsible for both maintaining current websites and creating new applications.
- Worked on both individual projects as well as team projects.

Python/Web Programmer Intern | *Primary Systems Inc.* |Sep 2017 – Nov 2017

- Nine-week internship working in Ignition by Inductive Automation. Designed and maintained user screens for internal system (e.g. vendor/item management). Used Python for scripts, SQL for database connections.

Access Database Intern | *Benjamin Moore & Co.* | Jan 2016 – Apr 2016

- Upgrading Microsoft Access databases (from '93 to '07) by designing DB from scratch using SQL as necessary.

Demand Planner | *Benjamin Moore & Co.* | Oct 2014 – Apr 2017

Supply Planner | *PNY Technologies Inc.* | Jul 2013 – Oct 2014

Supply Chain Analyst | *Hartz Mountain Corp.* | Jun 2010 – Jul 2018

PROJECTS

RUTGERS:

- **HTTP Server.** Fully functioning HTTP 1.0 Server allowing GET, POST, HEAD requests on both text and binary files. Includes simple CGI scripts using cookies and md5 hashing. *Coded in Java (server) and Python (CGI)*

- **Partial Operating System.** Implementation of user thread library (including mutexes), a multi-level priority scheduler (with priority inversion), (pseudo) virtual memory, and a user file system (using FUSE). *Coded in C.*

- **Airline Reservation Website.** Amazon-hosted website, allowing customers and employees to log in book flights, see history, and view suggestions. Allows managers to see revenue and/or sales details. *Coded in HTML, JSP(Java); MySQL for database access.*
    - http://ec2-13-58-6-109.us-east-2.compute.amazonaws.com:8080/airlineProj

- **Distributed File System.** Coded file system server, capable of storing and editing documents over a networked environment. Also coded client software. *Coded in C.*

BROOKDALE:

- **Reverse Job Board Website.** Locally-hosted website, allowing job seekers to set up profiles and employers to log in and search for prospective employees by skill, software programs used, and previous job titles. *Coded in HTML, PHP and JavaScript; MySQL for database access.*

- **Mini Language/Compiler.** Simple language/ "compiler" designed to do basic mathematic operations (add, subtract, multiply divide). Also supports increment, decrement, setting variables, printing variables, and looping. *Coded in Java.*