

PATRICIA PAYTON

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OBJECTIVE

As a passionate and dedicated college student working towards a BS in Computer Science, I am seeking a job, internship, or research opportunity that will utilize my problem-solving skills and attention to detail to develop my abilities in computer science.

EDUCATION

University of Nevada, Las Vegas

Expected Dec 2018

Bachelor of Science in Computer Science

GPA: 3.15

Minor: Math

Selected Coursework: Introduction to Programming I & II, Digital Logic Design/Lab, Data Structures, Systems Programming, Computer Organization, Calculus I & II, Discrete Mathematics I & II, Information Assurance, Operating Systems, Computational Linear Algebra, Automata and Formal Languages, Computer and Network Forensics

TECHNICAL SKILLS

Languages: C++, C, C#, x86, MIPS, JavaScript, HTML/CSS, SQL, React Native

Operating Systems: Windows 7 – 10, Linux, Ubuntu, Mac, xv6

Software: Oracle VM VirtualBox, Oracle Database, Virtual Studio Professional, Adobe Acrobat,

Microsoft Office Suite, MATLAB, .NET Framework, SVN

CODING PROJECTS

Fluffy Mates App – Senior Project

- Worked with a team of classmates to develop a cross platform app in React Native to promote animal adoption
- Integrated Rescue Pets API for local adoptable pets and used AWS Cognito for Database

Google Page Rank Algorithm – Data Structures Final Project

- Designed a custom data structure in C++ to implement the original google page rank algorithm
- Ensure that the program works for thousands of nodes in a timely manner

Color Flood Game – Data Structures Course Project

- Implemented an interactive game using a custom disjoint set class in C++

RELEVANT EXPERIENCE

Student Programmer

Nov 2017– present

University of Nevada, Las Vegas Department of Geoscience

- Assist senior developers with Full Stack Development
- Ensure all coding is done in a secure and efficient fashion
- Contribute new ideas for implementation and design of website
- Conduct 508 compliance testing and continually make necessary changes

HONORS AND AWARDS

First Place in Computer Science Senior Design Competition

2018

Top 10% Scholarship Recipient

2014 – present

Rebel Achievement Scholarship Recipient

2013 – present

Millennium Scholarship Recipient

2013 – present