Carlos Fortoul

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OBJECTIVE

To obtain an internship in the Computer Science field to apply programming skills

EDUCATION

University Of Central Florida, Orlando, Florida, USA

- Bachelors of Science in Computer Science May 2018
  - Cumulative GPA: 3.3 / 4.0

Florida Atlantic University, Boca Raton, Florida, USA May 2014

EXPERIENCE

Goldman Sachs, New York, New York, USA

- *Summer Analyst – Private Wealth Management Technology* Jun 2016 – Aug 2016
  - Developed a secure video chatting service utilizing GS Video APIs to facilitate communication between Private Wealth Management Advisors and clients
  - Utilized Spring Framework to create endpoints for clients and Advisors
  - Saved information about meetings using Mongo Database
  - Created test classes using JUnit and Mockiito Libraries
  - Utilized web development languages including JavaScript, HTML, and Java to modify both advisor and client side
  - Worked as a team with two other interns and demonstrated proof of concept and functionality to technology management

Cypress Bay High School, Weston, Florida, USA

- *Programming Workshop* Jun 2014
  - Worked with a group of two to six people in order to solve problems and debug codes in Java language
  - Worked as a team with two classmates and demonstrated efficient communication

- *Programming Tutor* Jan 2014 – May 2014
  - Helped students with questions about programs in an Object Oriented Programming class
  - Evaluated students and helped them to build games with pre-declared functions such as snake, super Mario brothers and brick breaker

PROJECTS

- *IBM Master the Mainframe Contest* May 2014, Oct 2015
  - Contest designed to help understand IBM mainframes using enterprise computing skills such as Linux and Z/OS
  - Achieved completion for part one and two, received a prize for part one

- *Programming Projects*
  - Built several games and apps in Java and C language such as the game Snake, the card game War, blackjack, go fish, Sudoku and Blackjack
  - Built my personal Resume in LaTeX language

SKILLS & MEMBERSHIPS

- Proficient knowledge of Java and C.
- Basic knowledge of JavaScript, HTML, and LaTeX.
- Proficient in Microsoft Office (MS Word, MS PowerPoint, MS Excel)
- Proficiency in both Windows and Mac Operating systems
- Capable of Operating Linux System
- Fluent in Spanish and English
- Society of Hispanic Professional Engineers (SHPE) Member

RELEVANT COURSEWORK

- **Computer Science I** (COP 3202C): Problem solving techniques, order analysis and notation, abstract data types, and recursion in the programming language C.
- **Security in Computing** (CIS 3360): Malware, Intrusion patterns and tools, Windows, Unix, TCP/IP, and applications vulnerabilities. Detection. Policies and enforcement. Protection and assurance. Encryption/Decryption
- **Object Oriented Programming** (COP 3330): Object oriented programming concepts and the expression of these concepts in the programming language JAVA.
- **Computer Organization** (CDA 3103C): Logic design, computer arithmetic, Instruction Set Architecture (MIPS, SPIM simulator), performance, data path, control unit, memory hierarchy, I/O interface.
- **Discrete Structures I** (COT 3100C): Logic, sets, functions, relations, combinatorics, graphics, Boolean algebras, finite-state machines, Turing machines, unsolvability, computational complexity.
- **Calculus I and II**