

John Zoldos

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Objective

To obtain a full time position as a computer engineer in order to apply my programming skills towards developing well designed software.

Education

Bachelor of Science in Computer Engineering

Aug 2014 - May 2018

University of Florida

Gainesville, FL

- GPA: 4.0 / 4.0
- Graduation Semester: Spring 2018

Experience

Emerging Leaders Program Technology Intern

Jun 2017 - Aug 2017

Nielsen

Oldsmar, FL

- Operated as an architect to develop high level solutions for the implementation of two features coming to Nielsen's ad rating service by collaborating across multiple departments to establish a unified understanding of the features' major requirements.
- Utilized Spark and Scala to migrate a data mart from Impala, enabling shorter processing times which allowed Nielsen to report ratings to its clients more quickly.

Research Assistant

Jan 2017 - May 2017

University of Florida

Gainesville, FL

- Explored the effects of combining partially protected caches (PPC) with dynamic cache partitioning (DCP) on energy usage, data vulnerability, and processing speed of programs taken from the MiBench benchmark suite.
- Employed Perl scripting and C to modify the Simple Scalar processor simulator to include PPC and DCP capabilities.

Silicon Valley Internship Prep Course Teaching Assistant

Aug 2016 - Dec 2016

CodePath

Gainesville, FL

- Demonstrated problem solving techniques commonly used in software interviews to 40+ computer science & computer engineering students in an effort to hone their ability to solve technical problems.
- Led weekly, in-person workshops with a team of two other teaching assistants.
- Adapted to changing requirements by restructuring the class to align with the interests of students.

Involvement

Webmaster

Dec 2016 - Dec 2017

Theta Tau Professional Engineering Fraternity

Gainesville, FL

- Redesigned entire front-end of the website using Bootstrap to achieve a modern aesthetic and improve navigation for users.
- Managed the sensitive information of 600+ brothers and alumni contained in our MySQL database.

Treasurer

Apr 2017 - Dec 2017

Theta Tau Professional Engineering Fraternity

Gainesville, FL

- Created and managed a budget of over \$16,000 and worked with seventeen committees to allocate funds.
- Maintained accurate and detailed ledgers in order to preserve the organization's financial security.

Skills & Relevant Courses

- Languages: Java, C++, C, Scala, Swift, Python, HTML, CSS, PHP, SQL
- Frameworks: Bootstrap, Spark
- Courses: Design Patterns, Data Structures & Algorithms, Introduction to Software Engineering, AI Heuristics, Microprocessors

Projects

Tiger Island

Worked with an agile team of six members to develop a two player, online board game played by humans or AI.

Twitter Clone

Used Swift to implement the Twitter API and make my own version of the Twitter app for iOS devices.

Flicks

Flixster-inspired iOS app created using The Movie Database API that enables users to see ratings of movies playing in theaters.

Parsegram

iOS app developed using Parse to persist users and their posts. Enables users to upload photos which can be viewed from their timeline.