

Nikolas Chaconas

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Education

University of California, Santa Barbara: College of Engineering

Master of Science and Bachelor of Science in Computer Science

Cumulative GPA: 3.73

Santa Barbara, CA

Expected Graduation June 2017

College of Engineering Honors Program

Feb 2014 – Present

- Admission granted to those who complete required community service hours while maintaining minimum 3.5 GPA.

Dean's Honors

Fall 2012/2013/2014

- Awarded for exceeding a 3.75 GPA during a quarter at UCSB

Winter 2014/2015

Projects

Swarming FTP Client

Goleta, CA Jan 2015 - Feb 2015

- Creating FTP Client in C with capability of multithreaded swarming downloads
- With swarming flag set, user can download file from multiple servers simultaneously, with the option of downloading in increments of n bytes.
- N-bytes option allows faster servers to download more segments of file, for an overall faster download speed

Personal Website and Website for A Cappella Group

Orinda, CA Dec 2015 - Present

- Side projects using Ruby on Rails and Bootstrap
- Naked Voices website available at www.nakedvoicesmusic.com

FoodFinder Application

Goleta, CA Sep 2015 - Dec 2015

- Worked with team to develop a web application to find local food deals.
- Implemented with Ruby on Rails using MVC architecture, bootstrap primarily used for front-end and MySQL for backend.
- Used Pivotal Tracker for workflow management, Slack for communication, git for version control, and AWS and Tsung for project deployment and load testing, respectively.
- Employed optimization techniques such as caching, pagination, and horizontal/vertical scaling to achieve scalability.

FlashMath App

Dublin, Ireland Jun 2015 - Aug 2015

- Worked with team to create an Android app for children where child rapidly solves math problems in order to achieve goals and rewards set by parent.
- Used NinjaMock for project mockup, Android Studio for development, and Trello for workflow.

Technical Skills

- Software Knowledge - Microsoft Windows, Mac OS, Linux (Fedora, Ubuntu, Kali), Microsoft Word/Excel/PowerPoint
- Programming Language Knowledge - Python, C, C++, Java, Ruby on Rails, Scala, Flex, Bison, Git, Prolog, Bash, HTML, CSS, familiarity with MIPS and x86 Assembly

Work Experience

Manager at Gina's Pizza

Goleta, CA Jun 2014 - Dec 2014

- In July 2014, promoted from pizza deliverer to role of manager.
- Managerial duties included scheduling employees, managing of daily finances, and overseeing hiring and training of new employees.

Server at Shelby's Restaurant

Orinda, CA Jun 2013 - Sep 2013

- Engaged effectively with staff and customers to provide excellent customer service
- Duties required collaborating in a small team, multitasking, communicating effectively

Extracurricular Activities

President of Student-run A Cappella group (Naked Voices)

Goleta, CA Sep 2012 - Present

- Manage communication with clients for performances, facilitate fundraising for group, completes paperwork for performing at events, schedules rehearsals.

Medical Music

Goleta, CA Dec 2012- Jun 2014

- Founding member of a volunteer musical therapy group which performs for residents of local convalescent homes

Other Skills

- Proficient in spoken and written Spanish