

Nicholas Munarriz

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OBJECTIVE

Seeking a position as a software engineer where I can use my proven abilities and experience to create, validate, test, and maintain high quality software.

EDUCATION

Bachelor of Science in Computer Science

July 2012 - May 2016

Bachelor of Science in Mathematics

University of Florida, Gainesville, FL

GPA: 3.86/4.00

Minor: Business Administration

Involvement: Member of Student Honors Organization, University Scholars Program, and Programming Team

EXPERIENCE

Software Engineer, Microsoft

June 2016 - Present

Seattle, WA

- Will work on Office products

Software Development Engineer Intern, Amazon

May 2015 - July 2015

Seattle, WA

- Worked with the Reports & Analytics team to optimize the Order History Reports backend
- Rewrote application to use a new noSQL database
- Created new data model to reduce both latency and data redundancy
- Wrote plan to migrate data from old mySQL database with minimal application downtime
- Received positive feedback from manager and mentor for completing work efficiently

Tutor, University of Florida Teaching Center

January 2014 - Present

Gainesville, FL

- Tutor mathematics up to and including calculus and analytical geometry
- Acquired ability to express complex ideas in simpler terms effectively

PROJECTS & RESEARCH

Android Development Project, Record Racers

November 2015 – April 2016

- Worked on a small team to create Android app for runner's and cyclists where the speed of music responded to the pace of the user
- Personally responsible for data persistence, integration of database into UI, and authentication

Computational & Analytic Number Theory Research, Dr. F Garvan

January 2015 – December 2015

- Perform research related to the properties of modular groups in $SL_2(\mathbb{Z})$

Full Stack Web Development, Save Our Cats and Kittens Inc.

January 2015 – April 2015

- Worked as a developer on a small team for a cat shelter to a management system to allow employees to keep track of cats, donations, volunteers, and more using AngularJS, MongoDB, and Node.js
- Personally responsible for creating a system to allow volunteers to sign in and out at shelter, and to allow employees to check the status of and information of volunteers

Other Projects

- **Postfix Calculator App:** Created an iOS app which allows users to visualize the stack used in postfix computation while they perform operations in postfix notation
- **TopEight:** Wrote all of the code used in the website www.topeight.com

SKILLS

- **Languages:** Java, C++, Ruby, C, Assembly, Javascript, Swift, SQL, HTML, CSS, Maple
- **Operating Systems:** Windows, Mac OS X, and Ubuntu, Redhat Enterprise Linux
- **Software:** Git, Maple, Vim, Eclipse, LaTeX, Xcode, VisualStudio, and Code::Blocks