

DANNY SEPLER

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SUMMARY

+ Seeking Fall 2016 full-time employment that encourages me to grow as a software engineer, and as a person

EDUCATION

University of Florida

Bachelor's of Science in Computer Science, August 2016

+ 3.5/4.0 GPA.

+ Dean's List Every Semester; National Merit Scholar

EMPLOYMENT

University of Florida, *Research Assistant*, Gainesville, FL

Aug 2015 - Current

- + Began development of an Oculus Rift virtual reality app to improve Gainesville police officer training
- + Utilized SketchUp and Autodesk Maya for 3D scenery models and character animations
- + Used Unity to augment models and script keyboard movement for a more interactive experience

The American Express Company, *Software Development Intern*, Fort Lauderdale, FL

Jun 2015 - Aug 2015

- + Wrote C# script to restructure and relocate several SQL database tables of ++50,000 tuples each
- + Designed and implemented ASP.NET automation to: locate 400 dynamic SQL queries inside application, suggest updated table and field names, and change the code based on user input
- + Gained experience with cloud servers, security encryption, database modeling, and batch server-side inserts

University of Florida, *Teaching Assistant*, Gainesville, FL

Aug 2014 - Dec 2014

- + Delivered two weekly lectures in Java Programming Fundamentals to 40+ students
- + Administered and graded homework, labs, and tests

Eatable, *Web Development Engineer*, Gainesville, FL

Jul 2013 - Feb 2014

(Demo and code available on website)

- + Implemented a web app for a startup company that focuses on "smart" food recommendations based on user input
- + Created backend through NodeJS, and frontend through HTML/CSS/ExpressJS/jQuery

SKILLS

LANGUAGES: Java, C#, HTML, CSS, Javascript, SQL, C++, ASP.NET, iOS/Swift, Android

STACK + TOOLS: Unix Command Line, Git, Eclipse, Visual Studio, SQL Server, IntelliJ, Tortoise SVN, Xcode, Android Studio

PROJECTS

Schedule Chomper

- + Took first place at the University of Florida's Swampacks hackathon in March 2015
- + A scheduling application that uses greedy algorithms to find three "best fit" possible schedules for each semester
- + Filters offered for "I want to sleep late!" or, "I don't want to be on campus for very long"
- + Built through combination of HTML/CSS/Javascript/PHP, with Python scripts for data scraping

Others (more info on website)

- + Twyst: An iOS musical instrument app that plays 24 notes, and responds to tilt and shake movements to enhance user interaction
- + Musicalendar: A MeanJS website that uses an interactive calendar and admin-approval system for music students reserve practice rooms
- + Gainesville Utilities Lookup: A Python and SQL website which leverages over 100,000 utility bills to draw better conclusions about our city

ACTIVITIES

Jazz Musician, *Various Groups*

Aug 2012 - Current

Appeared at professional venues and festivals as part of Brazilian-Jazz, African Percussion, and ska bands

Child-Life Hospital Volunteer, *UF Shands Hospital*

Aug 2014 - Current

Provided social and emotional support for children aged 2-16 in the pediatric oncology unit