

Brandon Davis

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Education

University of North Carolina at Chapel Hill

Expected May 2017

- Bachelor of Science in Computer Science

Relevant Coursework

- Computer Organization and Design, Intro to Java, Software Design using Java
- Calculus 1 through 3, Discrete Mathematics

Work Experience

UNC Information Technology Services (Chapel Hill, NC)

November 2014 – Present

Walk-in Technician

- Diagnose and fix software issues on OS X and Windows
- Recover and back up client data using department's custom scripts
- Communicate one-on-one with students and faculty to troubleshoot technology.

Mitchell High School IT Department (Ledger, NC)

June 2011 – May 2013

IT Assistant

- Imaged and diagnosed computer problems on Apple MacBooks for 450 students and faculty
- Greeted clients and gave preliminary assessment of their issues
- Managed the IT help desk when my supervisor was away or unavailable
- Assisted with MySQL DB management manually and with my own custom written PHP scripts.

Personal Projects

TermPush (Python, JavaScript, MongoDB) termpush.redspin.net

Febuary 2015 – Present

- Send console output for long running services to web using sockets
- Send plain text to web with a single command and generate a link (similar to pastebin)

Project Euler Programming Challenges (Python)

- To teach myself Python, I completed roughly 25 challenges from projecteuler.net

Attending Hackathons

- MHacks – Learned POSTFIX and other email server software and protocols. January 2015
- HackNC – ClipSync (Java, MySQL) sync the clipboard across multiple machines March 2014
- HackNC – LaserSpacePong (Java) a 2D pong-like game with asteroids, lasers and gravity October 2014

Redspin MC

September 2013 – December 2014

- Operated a public and profitable Minecraft (videogame) server for a player-base of roughly 200
- Maintained a Linux server operating under high strain running the game processes & MySQL DB
- Organized community events, mediated player disputes, and responded to feature requests
- Raised enough capital through donations to purchase dedicated hardware

Skills

Languages

Proficient – Java, Python

Familiar – PHP, HTML/CSS, JavaScript, Bash, SQL

Other Technologies

Operating Systems – Windows (XP/7/8) OS X (Snow Leopard through Yosemite) Linux (any Debian based)

Miscellaneous – Apache2, NginX, MongoDB, websockets