

Education & Credentials

GEORGIA INSTITUTE OF TECHNOLOGY *Atlanta, GA* (2016 - 2017)

- MS in Computer Science | Emphasis in Machine Learning & Information Security

UNIVERSITY OF CENTRAL FLORIDA *Orlando, FL* (2006 - 2010)

- BS in Finance | Specialized in Information Systems & Real Estate

HONORS

- B.S.A. Eagle Scout (2005)

Skills

Proficient: Python, Pandas, Numpy, Java, Javascript, C, Bash, HTML/CSS, Linux/Unix, Android, Wordpress

Familiar: Ruby, SQL, C++, Datalog, PHP, Rails

Tools: Vim, Git, Nginx, Kali, Metasploit, Zmap, JADX, Apktool, Snort, Mininet, Pyretic, BotHunter/BotMiner, Wireshark

Experience

JC CONNELL, Developer & Programmer *Orlando, FL* (December 2014 - Present)

Web design and development focusing on health and law professionals and small businesses

- Communicate with product managers, engineers, executives and marketing agents to gather requirements, design and develop websites/apps and implement from hardware to software
- Helped doctors and professionals improve efficiency and convenience by through process and product integrations
- Developed applications using Python, Javascript and PHP contributing to solutions that streamlined processes, increased accuracy and lowered costs

West Coast Mobile Eye Care, IT & Developer *www.mobileeyecare.com* (April 2011 - Present)

Mobile optometric health company providing eye care services to patients in nursing home and assisted living facilities.

- Reengineered multiple systems that fueled improvements to productivity, efficiency, uptime and accuracy for statewide business operations. Identified needs, developed systems, and tested/QA coordinated rollout
- Led company wide EMR implementation. Facilitated training for employee's efficient use of software. Developed software to accommodate company's special needs
- Automated previously manual, time-consuming processes to drive gains in data tracking/accuracy, workgroup efficiency and profitability
- Improved company's public presence through the design, development and integration of a new web site
- Installed and maintain organization's sixty computer infrastructure, and provide remote assistance to employees

NewDirt, Administration & IT *www.newdirt.com* (December 2010 - April 2011)

Technology oriented start-up company whose web based, commercial real estate matching application is designed to connect retail/restaurant brands with prospective properties.

- Accelerated adoption and improved awareness by partnering with web developers to address new features, improve application and resolve bugs
- Signed agreements with senior management of 70+ national retail brands to use a newly established technology
- Onboarded over 50 brands in the first 3 months through initiation and management of brand development team
- Installed and maintained organization's computer and server infrastructure

Projects

- Regular contributions to an open source project with 100k+ active worldwide users and 100+ developers
- Developed application using AI techniques to identify and infer meaning in Raven's Progressive Matrices
- Used Machine Learning frequency analysis to circumvent firewall and deliver malicious payloads in test setting