Clinton Andrews

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EMPLOYMENT

Full Stack Software Developer   **IgniteNet**   **Jul 2015 - *Present***

IgniteNet Cloud (http://www.ignitenet.com/cloud): cloud managed network products

- Created configuration translators for several network products to allow them to be managed remotely
- Created re-occurring processes to email users of outstanding invoices and automatically charge users setup with auto-pay using Stripe API
- Worked with third-parties to enhance existing cloud features via add-ons, including working with OAuth 2
- Used Test-Driven Development practices to create API endpoints used internally and by third-parties
- Leveraged knowledge in React and Typescript to add new and convert existing components from JQuery
- Created unit testing strategy for configuration validation to allow developers to quickly isolate and fix bugs
- Worked as member of small team that increased device count from 1,000 to 30,000 cloud connected devices
- Utilized: JavaScript, Node.js, PHP, Laravel, PostgreSQL, Redis, React, TypeScript, JQuery, Sass, Linux, Git, Cassandra, HTML, CSS

Asst. Systems Administrator   **Community Bank of Broward**   **Apr 2007 – Dec 2014**

- Created and maintained Board of Directors website for remote file system access
- Maintained bank Intranet utilizing HTML and CSS
- Upgraded 100+ PCs to Windows 7 from Windows XP and trained users on new features
- Provided IT support through bank Help Desk email
- Utilized: HTML, CSS

EDUCATION

Bachelor of Science in Computer Science   **Aug 2015 - Dec 2018**

University of Florida   Gainesville, FL

- **Programming Coursework:** Algorithms & Data Structures, Database Systems, Operating Systems

Bachelor of Science in Civil Engineering   **Aug 2009 - Dec 2012**

University of Florida   Gainesville, FL

SOFTWARE PROJECTS

Personal Website: *www.clintonandrews.com* (for additional information and projects)

Zip code REST API and PHP Library
- Documented API endpoints, errors, and library usage
- Wrote unit tests for all major components and API endpoints
- Implemented rate limiting using Redis that ensures user requests do not exceed various time periods
- Utilized: PHP, Redis

Recipe Sharing Site with Forums and Blog
- Created, designed, and developed responsive site that works with desktops and mobile browsers
- Developed user, recipe, search, reviews, forums and blog systems
- Developed admin interface allowing for front-page customization and moderation of users, forum, recipes, reviews, blog and comments
- Utilized: PHP, Laravel, MySQL, HTML, CSS, Bootstrap, JavaScript, JQuery

SKILLS

- **Software:** *(proficient)*: JavaScript, Node.js, TypeScript, PHP, Laravel, React, PostgreSQL, MySQL, Git, JQuery, HTML, CSS, Sass, Linux, Redis *(familiar)*: C, C++, Java, Cassandra, MongoDB, Angular