ANDREW J. KERR

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OBJECTIVE   To write good code for good money.

EDUCATION   BACHELOR OF SCIENCE, COMPUTER ENGINEERING (SOFTWARE)   *05/2016*
University of Florida, Gainesville, FL
GPA: 3.64
Relevant Coursework:

- Data Structures and Algorithms
- Malware Reverse Engineering
- Ethical Hacking and Penetration Testing
- Databases
- Digital Design
- Microprocessors

SKILLS   Programming: Ruby, Ruby on Rails, HTML/CSS, JavaScript, PHP, C#, Java, SQL, x86 Assembly
Tools: AWS, Heroku, Redis, Solr, Postgres, Coffeescript, Sass, Middleman, Version Control Systems
Interests in UNIX system administration, information security, reverse engineering, and UX design

EXPERIENCE   BLOCKSCORE   *Mountain View, CA*
Intern   *01/2015 - Present*

- Migrated production/staging infrastructure from Heroku to various AWS services with Docker
- Designed and implemented two factor authorization using time based one time passwords
- Designed and implemented a reCAPTCHA rate limiting system for logins
- Improved data quality and efficiency for government watch list parsers

HARRIS CORPORATION   *Palm Bay, FL*
GCSD Software Engineering Intern   *05/2014 – 08/2014*

- Developed enhancements and new features for a Windows application using C# and WPF
- Re-designed and updated an internal website using Bootstrap, PHP, and MySQL
- Assisted in converting application database from MySQL to PostgreSQL

OFFICE DEPOT   *Boca Raton, FL*
E-Commerce Mobile Development Intern   *05/2013 – 08/2013*

- Assisted with deployment and testing of Office Depot's Loyalty Passbook App for iOS
- Created Office Depot's new in store Wi-Fi landing page for Motorola's WiNG APs
- Contributed to the automation of testing with JBehave and MonkeyTalk

LEADERSHIP   STUDENT INFORMATION SECURITY TEAM
Secretary   *03/2013 – Present*

- Created presentations, whitepapers, and challenges revolved around Networking
- Participated in various Capture the Flag competitions with team Kernel Sanders

PROJECTS   BLOCKSCORE SWIPE
enigmatic-shelf-1004.herokuapp.com   *08/2014 – 01/2015*

- Managed a team of 5 others to build a Ruby on Rails app for easy physical verification of driver licenses to aid businesses in determining fake IDs and risky customers
- Facilitated communication between the team and the customer to consistently integrate feedback from a remote customer
- Designed and implemented the front-end UI with Bootstrap, Slim, and Sass

HACKUF
www.hackuf.com   *02/2015 – Present*

- Currently building an unofficial course for web development with Ruby on Rails

TWITTER AUTOREFRESH
www.github.com/andrewjkerr/twitter-refresh   *08/2014 – Present*

- Published a Chrome Extension to auto-refresh the Twitter timeline on new tweets and provided the ability to easily turn the auto-refresh off