Rocky Gray Jr.

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WORK EXPERIENCE

August 2012 – Present **Capital One** **Vienna, VA**
Software Engineer

- Designed and implemented REST services using Java, Spring and Jersey
- Designed and implemented SOAP services using Java, Spring and JAX-WS
- Built an intermediary cache to decrease latency of requests to the API sandbox region using WireMock and shell scripts
- Designed and managed a process for developers to contribute static Swagger json files for API documentation
- Created a deployable application to all developers to view their custom Swagger UI documentation locally
- Built an API and an Angular.js web application to provide a tool for internal reference-id encryption and decryption
- Designed, implemented and tested ETL processes using Ab Initio GDE, EME, and Unix tools.
- Created tools to automate routine and iterative tasks using Python and KSH scripts

January 2013 – Present **Crystal Innovations** **Nashville, TN**
CTO, Co-founder

- Designed and implemented backend web architecture
- Designed REST APIs to consume collected data
- Managed 4 developers

June 2011 – August 2011 **Capital One** **Richmond, VA**
IT Intern

- Developed relationships between applications, VMs, and servers within a CMDB
- Designed and implemented server patching automation scripts in Windows and Linux environments

EDUCATION

Vanderbilt University **May 2012** **Nashville, TN**
Bachelor of Engineering – Computer Engineering and Engineering Management

TECHNICAL SKILLS

Languages	Dev Tools	Servers	Frameworks	Design
Java, C, C++	svn, git, GitHub	Weblogic 10/11g	Spring, Jersey	Photoshop, GIMP
shell, Python	vi, gcc, sed, awk	Jetty	Angular.js, express.js	Illustrator, Inkskape
HTML5, Javascript, CSS3	Visual Studio, Eclipse	Apache	Bootstrap, Foundation	
Ab Initio DML	Ab Initio GDE			

LEADERSHIP

- **Campus Recruiting** – Job Fit Interview Lead 2014 – Present
  o Lead a team of 5 associates to enhance the technical interviews for Software Engineer, Quality Engineer, and Platform Engineer roles
  o Created 4 interviews with 16 technical questions
  o Trained and vetted 40 top performing associates to be technical interviewers.
- **Technologist**
  o Documented best practices and workflows for GitHub contributions and git + svn integration.
  o Acting consultant for ROA and RESTful architecture within the organization
  o Active contributor to an internal framework for developing REST APIs

AFFILIATIONS

- **Institute of Electrical and Electronics Engineers** (IEEE)
- **National Society of Black Engineers** (NSBE)