

## Top Secret SCI with Polygraph

2006 Peach Orchard Drive #13 Falls Church, VA 22043

## Experience

### Deloitte

#### Consultant — March 2010 - Present

- Designed and developed Ruby on Rails web applications to migrate current solutions into an online environment
- Coordinated and updated client collaboration tools - Wiki pages, SharePoint and Virtual Learning Communities - Blackboard/MOODLE
- Designed feedback tracking and analytic system for five federal training courses while facilitating the running of each course.
- Updated and migrated legacy Visual Basic code to function on updated systems.
- Designed a Point of Sale system using a relational database for a Deloitte non profit with revenues of over a million dollars per year.

### USIS

#### Recruiter — July 2008 - March 2010

- Designed, developed and implemented both applicant tracking database systems for the Pipeline Applicant Tracking System (PATS) and independent contractors (IC Snapshot). Each tracking system was developed using a combination of Filemaker Pro and web development.
- Served as the public liaison for information sessions with over 50 people. Illustrated to large groups that USIS is the employer of choice through presentations to large groups.
- Hired uncleared individuals and guided them through the clearance process using PATS.
- Sourced, interviewed and selected hundreds of candidates and processed their entire on boarding process with the Human Resource Department.
- Interacted with Contract Technical Representatives (COTR) regarding staffing requirements and corporate communication with the USG.

#### Personnel Security Assistant (USG Contract) — August 2007 - July 2008

- On-site contractor participating in the review of security forms related to the background investigation process using:
  - CWE, LotusNotes, and multiple internal databases.
- Responsible for completing the appropriate database (JPAS and others) checks required during investigative process.

### Internal Drive Technology Campus

#### Instructor — May 2007 - August 2007 (summer position)

- Instructed courses in web design, flash animation, video production, graphic design and java programming.
- Developed entire curriculum for one to two week modules.
- Established web grading standards and critiqued projects on both style and accuracy to ensure website readability and usability.

### Virginia Polytechnic Institute and State University

#### Team Leader — November 2004 - August 2006

- Interviewed all applying orientation candidates and selected the 2006 Orientation Leaders.
- Aided in training and prepared the new Orientation Leaders for Orientation 2006.
- Implemented a six month training course for 30 new Orientation Leaders.
- Facilitated groups daily totaling over 200 students.
- Addressed over 2000 students and parents in the opening ceremony.

### New Media Center

#### Technician — August 2006 - May 2007

- Designed media tailored to the needs of professors or the public using:
  - Adobe Photoshop, Illustrator and InDesign, Dreamweaver and Flash; Apple Final Cut and Keynote.
- Worked with teams of technicians to create complex web content for university grants, proposals and presentations.
- Created dynamic databases with complex functionality including database calls, archiving, search functionality and scripting.

## Education

### Carnegie Mellon University

**Masters — Computer Science: Human Computer Interaction — August 2011 - August 2012**

### American Military University

**Masters — Intelligence Studies — June 2008 - October 2010**

Concentration in Intelligence Collection

### Virginia Polytechnic Institute and State University (Virginia Tech)

**Bachelor of Science, Psychology — August 2003 - May 2007**

Biology Minor

## Skills

- Ruby on Rails development on both Mac and PC
- Server Side Java development for both web and mobile platforms using Netbeans, Eclipse and Dreamweaver.
- Rapid prototyping and web development using UML, Filemaker and Ruby on Rails
- Physical computing using micro controllers including the IO Bridge 204 and Arduino.
- Outstanding public speaking and presentation abilities.
- Experience with:
  - Java, JavaScript, Server Side Java, Ruby, HTML, CSS, Visual Basic, SQLite and the Rails framework. - Also proficient in -Adobe Photoshop, Illustrator and InDesign, Dreamweaver and Flash; Apple Final Cut and Keynote and Filemaker Pro

## Publications

- Featured in:
  - Popular Science, Discovery Channel, NBC, BBC, WIRED, Engadget, Gizmodo, Asylum, AOL, WTOP, vDice, reddit, Escapist Magazine, Today's iPhone, The Next Web, Io Bridge.net and more.
- Projects featured on the Graham Norton Show, Channel 9 and The Sun UK.
- Multiple speaking engagements at the Southern Virginia Higher Education Center on physical and ubiquitous computing

## References

Available upon request