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| Career Objective | | | | |
| To serve as a software designer with an ambitious team, provide technical expertise, and contribute to the body of knowledge of best practices. | | | | |
| Motivation | | | | |
| To provide a wealth of talent to aspiring startups, and help people achieve their dreams. | | | | |
| **Languages:** Ruby (3 years), SQL (2 years), Bash (2 years), C (5 years), C#(4 years), C++ (3 years), Node.js (6 months), AngularJS (3 months), Assembly (2 years), Verilog/VHDL (1 year)  **Other skills:** Linux, Web Deployment, MVC, Database Management, Encryption, Comm Protocols | | | | |
| Experience | | | | |
| Dodson Construction, Inc. – Tampa, Florida May 2013 - May 2014  *Lead Ruby Application Developer* [Federal Contract Bidding]   * Used Bitnami Ruby Stack and Ruby on Rails framework * Scraped FedBid website using Nokogiri and Mechanize * Produced web GUI using RESTful API calls * Created method to divide and conquer business and development tasks   Excel Medical Electronics – Jupiter, Florida January 2013 - Present  *Hardware/Software Systems Engineer* [Medical Data Aggregation]   * Writing .NET drivers to extract data from medical devices based on various protocols * Developing hardware adapters to interface with medical devices * Assisting the lead software engineer with developing and debugging hospital server software * Traveling to customer sites to conduct installations and training for products | | | | |
| Synthes Anspach – West Palm Beach, Florida August 2011 - December 2011  *Associate Product Development Engineer* [Electric Powered Surgical Drills]   * Interfaced 1-Wire EEPROM to existing I2C bus infrastructure * Developed test hardware to validate interactive display panels * Reworked PCB’s with precision tools | | | | |
| Other Projects | | | | |
| Phantom Craigslist Crawler | Developed web scraper using Ruby to inform many users of query result changes on Craigslist via texting, and allowed user to reply to sellers with simple SMS commands | | | *October 2012 - December 2012* |
| Adaptive 2.5D Visual Servoing | Developed system to autonomously correct robot position based solely on camera input | | | *October 2012 - December 2012* |
| FPGA BIOS | Designed hardware controlling the communication protocols for PS/2 keyboard input and VGA screen output | | | *September 2012 - November 2012* |
| ZigBee Router | Hand soldered and developed protocol for ZigBee network switch | | | *June 2012 - December 2012* |
| Education | | | | |
| Bachelor of Science in Electrical Engineering | | UCF, Orlando, FL | *December 2012* | |