

# Matthew Defenthaler

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## **EDUCATION**

University of Central Florida – Bachelor of Science in Computer Science

## **PROFESSIONAL EXPERIENCE**

SPARTA, INC – Columbia, MD

10/10 -- Present

### **Systems Engineer**

- Interfacing with customers to gather requirements, deliver and install software
- Performing integration of and deploying multiple software applications to meet customer requirements
- Creating and maintaining documentation
- Troubleshooting and resolving issues in customer spaces

### **Software Engineer**

- Developed features for a web-based interface using the Grails framework, HTML, and JavaScript
- Wrote custom tools for convert file formats, process data, and visualize information
- Created a tool to manage encrypted partitions in Linux over SSH

SOLSTICE ENTERPRISE SOFTWARE – Fayetteville, NC

11/09 – 08/10

### **Software Engineer**

- Model-View-Controller pattern, Agile & Test Driven Development
- Maintaining/Extending an enterprise-grade inventory management system for the Department of Defense
- ASP, C#, SQL Server, NUnit, .NET Framework, .NET Compact Framework
- Creating/Editing:
  - SQL Stored Procedures
  - Front-end ASP.NET pages with JavaScript
  - C# code with unit tests
  - C# Windows Mobile Applications

UNIVERSITY OF CENTRAL FLORIDA – Orlando, FL

10/08 – 06/09

### **Web Strategist Assistant**

- Troubleshooting web-based issues
- Updating the Web Strategy website
- Conducting technological applications research

## **ADDITIONAL EXPERIENCE**

- Google AppEngine (Python Django)
- Facebook application development
- Android Smartphone application development (Java)
- Location-aware, Internet-connected applications
- Stepper motors, LCD displays, data acquisition, automotive
- Designing/writing a J2ME mobile phone application for Google Voice

## **COMPUTER SKILLS**

*Languages:* C, C++, C#, ASP, J2ME, Java, JavaScript, Python, SQL, Groovy

*Platforms:* Linux (Ubuntu, Redhat, Android), Solaris,  
Microsoft Windows, Mobile Devices, Livescribe Pulse

## **ACHIEVEMENTS**

Finalist – 2008 Presidential Forum on Renewable Energy Writing Contest