GUIDO SANTELLA

https://www.linkedin.com/in/guido-santella-65165510

Altoona, PA
(814) 937-9223
guidosantella@gmail.com

EXPERIENCE

South Hills School of Business & Technology — *Instructor*

2005 - PRESENT

- Achieved an average student evaluation rating of 4.96 of 5 in 2018
- Awarded 2013 PAPSA Teacher of the Year
- Built multiple web services to provide **CRUD database operations** utilizing HTTP get, post, put, patch, delete
- Built real-time web visualization platforms using **Vue.js**, **Chart.js**, and server side programming for database access
- Built simple progressive web apps utilizing **service workers** to cache resources, atomic counters in AWS, and **UI design**
- Lead student project teams in building online Javascript multiplayer game utilizing **socket.io** and deployed using **serverless computing**
- Developed Angular app along with the UI for a prospective student career quiz. Utilized **webhooks** to HubSpot marketing software
- Lead student project teams in building automated calling system utilizing **Asterisk PBX**, **Docker**, automated scripts, and **VOIP APIs**
- Lead student project teams in wiring data center racks along with **VMWare** virtualization compute and storage stacks. Including using **Splunk** for monitoring and **Nexpose** for vulnerability analysis
- Lead student project teams using **Kali Linux** for penetration testing as well as basic network security monitoring with **Security Onion**

Intelmarx, Altoona — *Software Architect*

2007 - 2010

- Awarded 2007 Ben Franklin Big Idea Competition Grant
- Sole developer of a **PHP MVC Symfony** application in a hosted environment to support online activities of nonprofits

Penn Medical Informatics Systems — *Software Engineer*

2002 - 2005

- Worked on software team as part of a large scale Visual C++ EHR application
- Designed **C++ parser** to store all appropriate SQL table data in XML format. This gave the ability to create custom reporting in XSLT
- Created add-on modules for **interfaces** to external medical devices
- **MSSQL Server** administration of over 50 servers along with securing logins, indexes, maintenance plans, and stored procedures
- Customer facing technical training, documentation, and support

SKILLS

Full stack development, Web App Frameworks, UI/UX, Object Oriented Programming

Network and Server Admin, Windows/Linux Admin, Cloud Hosting, Cloud APIs, Scripting, Virtualization, Database, Project Management

TECH

C#/PHP/Javascript/Node, HTML, CSS, Materialize/Bootstrap, MVC, RESTful APIs, SQL/NoSQL, GIT, Angular, Vue.js, NPM, Socket.io, jQuery, Insomnia Rest Client, JSON/XML, Testing

VMWare ESXi, vCenter, Cisco, AWS DynamoDB, AWS Lambda, AWS API Gateway, Wireshark Analysis, SMB/NFS, TCP/IP, Splunk, Docker, now.sh, Bash scripting, PowerShell

EDUCATION

University of Delaware, 2002
Bachelor of Science, Cum Laude
Computer Science / Cognitive Science Concentration
Major GPA 3.8 / 4.0
Overall GPA 3.7 / 4.0
University Honors Program

INTERESTS

Classical Music, Piano, UltraRunning, Teaching, MOOCs, Hackathons