

Matthew M. Crumley

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WORK EXPERIENCE

- **Software Developer, Mad Mobile**

Tampa, FL

June 2015 to Present

- Architected all payment plugins for production mobile point-of-sale (mPOS) solutions
- Developed Verifone barcode and FiPay plugin for Cordova using Objective-C & JavaScript
- Developed Adyen plugin for Cordova using Objective-C & JavaScript
- Extracted business insights from Git repos with Python (Pandas), Bitbucket API, and Node.js
- Developed C# & JavaScript for e-commerce clients including Sysco Foods, Justice, and Zales
- Policy writer for Payment Card Industry (PCI) compliance docs
- Penetration tested e-commerce sites with Kali Linux, Burp Suite, Metasploit; OSCP trained

- **Owner/Developer, Unsaturated Innovations LLC**

Tampa, FL

January 2008 to February 2016

- Owner and sole-proprietor
- Published game “Elevator CEO” for iOS; designed with Illustrator, coded in Objective-C
- Published business app “DH Bot” for iOS; Objective-C, Storyboard UI, and REST API calls
- Developed additional software with ASP.NET, WordPress, SQL, SQLite, and PHP
- Designed logos, CSS, and created templates for various content management systems

- **Software Developer, Wilkes & McHugh, P.A.**

Tampa, FL

October 2014 to May 2015

- Prototyped web applications and APIs with JavaScript, ASP.NET and MSSQL
- Developed and deployed enterprise app with Xamarin.iOS; sketched mockups using Balsamiq

- **Software Engineer 3, CAE USA**

Tampa, FL

October 2004 to October 2014

- Designed WinForm & WPF desktop applications for US military simulators
- Skilled with Microsoft Visual Studio 2003 – 2010 and .NET framework versions 1.1 to 4.0
- Overhauled a legacy UI framework for WPF-friendly design (30,000+ lines of code)
- Published peer-reviewed technical paper for the I/ITSEC 2012 conference – “Applying Practices from Instructor Applications to Creating Simulated Avionics Displays”
- Developed & integrated plug-in for Java-based CDMTS and C++ gaming engine Delta 3D
- Designed a Google Maps-like solution with .NET and open source product (FalconView)
- Installed/maintained numerous open-source applications to better enable team collaboration

EDUCATION

- **Master of Business Administration**

University of Central Florida, Orlando, FL

August 2003

Graduated with 1-year cohort group; 39 semester hours

- **Bachelor of Science in Computer Engineering**

University of Central Florida, Orlando, FL

May 2002

Graduated with University Honors; 159 semester hours

SKILLS, ABILITIES, AND ACTIVITIES

- Adaptable writing style for executive, technical, and layman audiences; presenting orally with gusto
- Budget-minded both personally and professionally
- Active with the community – served as HOA president in previous neighborhood for three years
- Active developer in the open-source software community