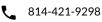
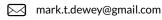


# Mark Dewey

- Developer - Instructor - Explorer -









http://www.github.com/mdewey









### **BACKGROUND**



Hailing from Pennsylvania, Mark has journeyed to Florida in 2014 to tackle life's next chapter. He loves a challenge and strives to create and develop things that helps people have better lives. Mark believes the right software, information, and guidance, can change the world. When not behind a keyboard, he likes to enjoy the sunshine in wide open spaces.

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#### **WORK EXPERIENCE**

Core Instructor, Suncoast Developers Guild

Oct, 2017 - Present

Suncoast Developers Guild is a community-driven, not-for-profit, code school.

- Developed 12-week Full Stack curriculum, focusing on modern practices, and technology
- Taught Full Stack engineering course using HTML, CSS, JavaScript, Ruby, React, .NET and SQL
- Course topics included, but not limited to: .NET (C#), React, OOP, Functional Programing, WPF, LINQ, ASP.NET MVC, Razor, Entity Framework, HTML, CSS, JavaScript, JQuery, Relational Database (SQL), and testing
- Created custom tools for making the classroom more efficient, including: template generators, chrome extensions, and custom shell scripts.

Back End Engineering with .NET Instructor, Full Stack Engineering Instructor, The Iron Yard Aug, 2016 - Oct, 2017 ① 1 year 1 month

The Iron Yard offered an immersive web development course to train non-technical individuals to become software engineers.

Developed 12-week .NET curriculum, focusing on modern practices, and technology

https://mdewey.github.io/resume/

- Course topics included, but not limited to: .NET (C#), OOP, Functional Programing, WPF, LINQ, ASP.NET MVC, Razor, Entity Framework, HTML, CSS, JavaScript, JQuery, Relational Database (SQL) and testing
- Taught crash courses to the community on various topics such as .NET Core, Neo4j, .NET Framework, and Node.JS
- Created custom tools for making the classroom more efficient, includes: template generators, chrome extensions, and custom shell scripts.
- Taught Full Stack engineering course using a flipped classroom that taught HTML, CSS,
  JavaScript, Node.Js, Express, Ruby, React, Java, .NET, and SQL

## Senior Lead Developer, Exzeo - TypTap

Aug, 2014 - Present

Exzeo is an insurance software incubator formed to help its parent company, Homeowner's Choice Insurance. While at Exzeo, lead a team of developers and non-technical staff to be more agile and goal-oriented, while developing prototypes. Worked on 3 distinct projects: TypTap, AtlasViewer, and VPET

- (TypTap) Implemented an API first mobile website to create an easy to use method of purchasing & managing flood insurance in Florida
- (TypTap) Led design discussions with subject-matter experts concerning features and project road map
- (TypTap) Designed, developed, tested and maintained API endpoints that were used by other developers
- (TypTap) Acted as a consulted on tech stack choices such as hosting environments, CI servers, source control, and other development process tools
- (TypTap) Technologies used Node.js, Jasmine, MongoDb, SQL, Express.js, Handlebars.js, JQuery, Bootstrap, Angular, Azure, and AWS
- (AtlasViewer) Led team in creating a GeoJSON data mapping application for subject-matter experts
- (AtlasViewer) Created an administrator tool to view and manage analytically data.
- o (AtlasViewer) Created an API for easy integration with other systems
- (AtlasViewer) Added a TOTP authentication system to secure user access
- (AtlasViewer) Technologies used Node.js, Express.js, Mapbox, JQuery, Foundation,
  Passport.js, Azure, MongoDb, GeoJSON, Postgres, Backbone.js, React.js, and Twilio API
- (VPET) Designed, created, tested, and maintained a suite of app and supporting infrastructure to collect, manage, and analyze data for the state of Florida
- (VPET) Converted prototype to production ready system
- (VPET) Created a Lambda Architecture to handle big data concerns, to speed up analysis, and support administration querying
- (VPET) Created crowd sourcing information gathering tools to speed up data collection
- (VPET) Created tools and processes to ensure the data was stored in a secure, highly scalable, and easily exported format
- (VPET) Technologies used .NET MVC 5 (C#), Node.js, Express.js, Google Maps, JQuery, Bootstrap, Owin, Angular, Web API, Azure, DocumentDB, and MongoDB

### Chief Technical Officer & Lead Developer, Stacktive

Nov, 2014 - Mar, 2016 **O** 1 year 3 months

A startup to create a marketplace to have one pass for multiple gyms

- Rescued a failed, time-sensitive project
- Fixed a failed code base
- Set up a development process to more easily create features and iterate faster
- Supported mobile app development
- Worked with a diverse team with a focus on getting tasks complete
- Technologies used .NET (Webforms and MVC), Entity Framework (Database First), MSSQL,
  JQuery, HTML5, CSS3, Rackspace, Phonegap, and Stripe

#### **Lead Software Engineer**, Problem Solutions

May, 2011 - Jul, 2014 **③** 3 years 2 months

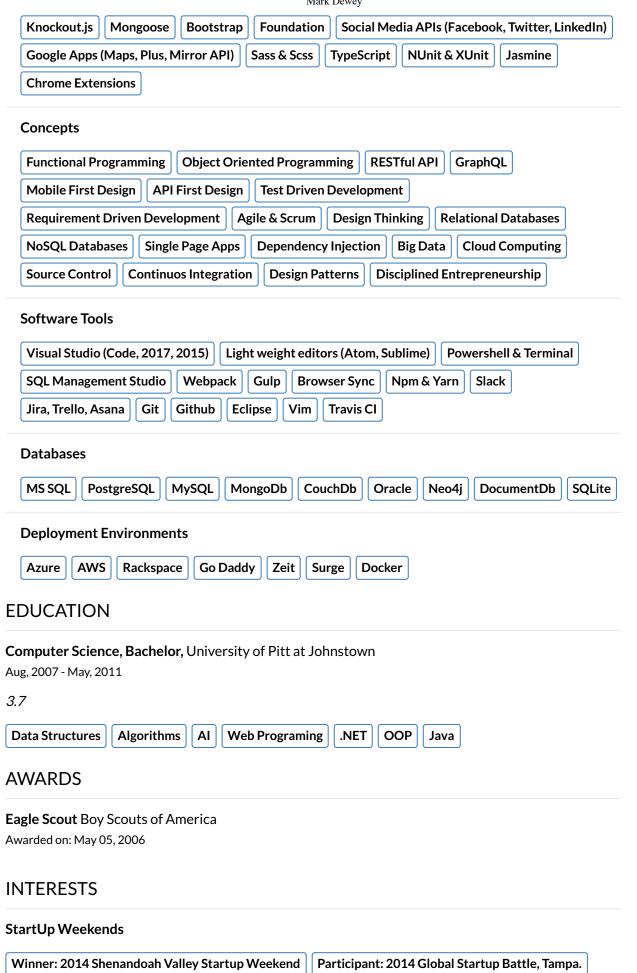
A key member of the "tiger team" to jump-start new ideas or save failing projects. Design, developed, and maintain projects for a variety of customers, encompassing commercial and government.

- (Interoperable Performance Assessment [IPA]) developed a website & API to display and transfer simulator training data for the US Marines
- (IPA) Worked with end users & designers to figure out what key data points needed to be displayed in a mobile friendly way
- (IPA) Worked with subject-matter experts to develop best practices for storing and transfer group simulator data
- (IPA) Worked with U.S. Army Research Lab to create functional and useful prototypes
- (IPA) Develop code libraries and packages to work with APIs to plug into other system (simulators, websites, LMS, and AI tutors)
- o (IPA) Technologies used MVC4 (C#), Google Graph API, JQuery, MSSQL, HTML, and CSS
- (Exam Builder [EB]) converted an existing, high traffic site from ColdFusion to Python
- (EB) Organized and led a small team to quickly save a failing project
- (EB) Used TTD to prohibit regressions
- (EB) Technologies used Python, Django, Jinja2, HTML5, ReportsLabs, Oracle, HTML5, CSS3, and JQuery
- (Learning Experience Manager [LEM]) led a team of developers to create a NextGen learning management system that tracked all types of learning
- (LEM) Utilized Open-source learning schemas (Experience API, and Open Badges) to create an open ecosystem
- (LEM) Demonstrated and presented the project with clients, potential clients, and industry leaders
- (LEM) Technologies used ASP.NET MVC 4 (C#), Entity Framework, MSSQL, JQuery, Azure, Knockout.js, and Azure



# **SKILLS**

#### Languages Go Node.js Python **CSS** Javascript HTML Java Ruby VΒ **SQL** PHP C, C++ Cypher & Neo4j ColdFusion Ada Frameworks & Libraries .NET Core Web API **ASP.NET MVC** ASP.NET Web API .NET Core MVC **Entity Framework** Pug Express.js Docker Handlebars.js Vue.js Angular 1.X React.js Backbone.js



Music

Taking Coursera.org classes