Steven Grootaert
Software_Developer

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__Education:

AlgoExpert: Programming Expert Certificate, September 2022
- Comprehensive curriculum covering programming fundamentals, OOP, and advanced topics with fluency in Python

Codecademy: Pro Career Path and Skills Development, online, October 2021 - currently enrolled
- Continued professional development focusing on Back-End Engineering
- Completed certificates in C#, CSS/HTML, SQL and Git/Github

Eleven Fifty Academy: Software Development, Indianapolis, IN, February 2021
- Immersive learning for Software Development taught with industry-guided curriculum, real-world project-based learning, simulated Agile/Scrum work environment and 500+ hours of logged coding time and training; proficiency in C#
- Weekly stand-ups with instructors, acting as project supervisors, to evaluate progress, adjust feature goals for MVP and track targets for milestone completion based on the specifications for the project

University of Minnesota: Master of Architecture + Master of Science Sustainable Design, Minneapolis, MN
- Concurrent with my M.Arch I also took coursework to obtain an M.S. in Sustainable Design. I gave a TEDxUMN talk about my M.Arch and M.S. thesis work after being nominated by the Dean of the College of Design.

__Competencies & Functional Skills:

Agile and Scrum methodology, pair programming, systematic problem solving, troubleshooting, visual communication, divergent creativity and systems thinking, effective client relations, addressing and resolving business challenges.

__Development Technologies:

Languages/Frameworks: Python, C#, ASP.NET, HTML, CSS, Bootstrap **Management:** Git/Github
Architectures: N-Tier, MVC, RESTful API, responsive web design **Databases:** SQL/SQLite, relational databases

__Select Technical Projects:

DoWhat - ASP.NET MVC Web Application (C# and ASP.NET) github.com/StevenGrootaert/DoWhat.git
- As a 6 week final project, many of the features developed from a sketch concept came together through self guided research and experimentation; application was designed using N-Tier architecture and deployed on Azure.
- Lists of 'to-do' items, along with expected time to complete tasks, are categorized by theme and then assigned to the user based on desired theme and amount of free time available.

SlotMe - .NET API Web Application (C# .NET and REST API) github.com/StevenGrootaert/BBP-SlotMe.git
- As a 3 person team we collaborated on different features of the app independently via Github and verified our endpoints with Postman. I managed the repository and made pull requests to merge our code into a finalized project.
- Held team-wide planning sessions to outline our model and service layer implementation, and map our data structure. We met in pairs to evaluate and implement clean code methodology and ensure continuity of features through model and service layers; I would often lead debugging efforts when they came up over the course of 4 weeks.

__Professional Experience:

Adjunct Instructor of Architecture, Ball State University, Indianapolis, IN, August 2020 – current
Using my professional experience as a licensed architect and working closely with other faculty, I teach students the process of architectural documentation, how to present to community stakeholders, and guide their design endeavors.

Intermediate Architect, Kinlin Rutherfurd Architects, New York, NY, April 2019 – October 2020
Created and managed drawing sets used for construction and regulatory approval for high-end residential projects in NYC and the Hamptons. I met with clients and contractors to ensure the best possible design/build experience.

Operations Manager, East Side Social, New York, NY, December 2016 – May 2019
Worked closely with founding partners of an ABA therapy practice to help expand their business 5 fold. I Implemented effective day-to-day workflow solutions and SOPs for client on-boarding and insurance authorization tracking. I resolved technical issues with client record management during rapid growth while foreseeing future logistical needs.

Senior Designer, Biber Architects, New York, NY, October 2013 - November 2015
Worked with clients from concept vision to finish details to reflect their identity and goals. In addition to design work, I implemented and maintained technology for the office, wrote CTB plot files, and oversaw CAD/graphic standards.