Steven Grootaert
Software Developer

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Education:

- **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 program 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
- **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, problem solving, troubleshooting, divergent creativity, visual communication, critical observation and systems thinking, organization, customer service, addressing and resolving business challenges.

Development Technologies:

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

Select Technical Projects:

- **DoWhat - ASP.NET MVC Web Application (C# and ASP.NET)** github.com/StevenGrootaert/DoWhat.git
  - Creating lists of 'to-do' items and then linking them to categories and expected duration to complete, tasks can be assigned to the user based on those constraints.
  - As a final 6 week project for the course many of the components for this project came together through self guided research and experimentation; application was designed using N-Tier architecture and deployed on Azure.
  - Weekly stand-ups with instructors to describe progress and targets for creating an MVP and adjusting feature goals.
- **SlotMe - .NET API Web Application (C# .NET and REST API)** github.com/StevenGrootaert/BBP-SlotMe.git
  - In a small team we collaborated on different parts of the app independently via Github and verified our endpoints with Postman. I managed the repository and made pull requests for merging our code into a finalized project, ensuring quality clean code methodology; I would often lead the team in debugging efforts.
  - Weekly stand-ups with our Instructors over the course of 4 weeks, acting as project supervisors, evaluating and adjusting targets for milestone completion based on the specifications for the project.
  - Frequent team-wide planning sessions to outline our data structure with various foreign keys, model and service layer implementation; would meet in pairs to evaluate code and ensure continuity of features through all layers.

Professional Experience:

Adjunct Instructor of Architecture, Ball State University, Indianapolis, IN, August 2020 – current

Using my professional experience as an 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

Working on various high-end residential projects in NYC and the Hamptons, I created and managed drawing sets used for regulatory approval and construction documentation. I regularly met with clients and contractors to ensure the best possible design/build experience for all parties involved.

Operations Manager, East Side Social, New York, NY, December 2016 – May 2019

Working closely with founding partners of an ABA therapy practice to help expand their business; handling day-to-day non-clinical office operations while foreseeing future logistical needs. I Implemented effective workflow solutions and resolved technical issues during rapid growth. I also managed client on-boarding, invoicing, insurance authorizations, human resources, and created SOPs.

Senior Designer, Biber Architects, New York, NY, October 2013 - November 2015

Working 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.