**Michael E. Vanaman**

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**Software Engineer**

**Core Competencies**

Software Engineering • Computer Science • Full Stack • Technical Analysis/Solutions • Team Collaboration

Data Structures & Algorithms • Computer Architecture • User Experience (UX) • JavaScript • Ruby • Ruby on Rails   
HTML CSS • React • Sinatra • PostgreSQL • GitHub • CCC • SQL • Python

Enthusiastic, creative Software Engineering Bootcamp graduate. Brings 10 years of project management experience to software background. Uses keen eye for detail to design user-friendly interfaces that result in informative, engaging platforms.

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| **EXPERIENCE** | |
| 8/2012-  Present | **Northfield Collision**  **Remote**  **Office Manager**   * Craft accounts payable checks using QuickBooks and report payment in CCC estimating software. * Assess annual budget, expenses, inventory, cash flows, and additional accounting metrics using PostgreSQL and QuickBooks. * Write reports and provide recommendations to influence financial decision-making. * Process payroll and maintain associated records for managerial and employee review * Generated savings of ~$10K after revising discrepancies in past recordkeeping by using Excel and implementing macros for expediency. |
| 10/2021-  2/2022 | **Simulated Walk Down Wallstreet**  **Remote**  **Independent Software Engineer**   * Designed and built game that allowed users to buy and sell simulated stocks with algorithm that realistically updated in-game stock market prices. * Developed quiz that generated daily questions and distributed in-game currency for correct responses. * Wrote custom CSS and HTML on front end while utilizing Procreate to design realistic stock icons. * Enabled users to create accounts and tracked users’ stock purchasing through Ruby on Rails as backend framework. * Encrypted and protected users’ passwords with Ruby gems. * Collaborated with UX team member to create solutions that ensured engaging player experience. |
| 10/2021-  2/2022 | **Click and Play Database**  **Remote**  **Independent Software Engineer**   * Established database that directs users to find streaming options, media ratings, and general information on a wide range of movies and video games. * Leveraged React and customized CSS on frontend and Sinatra on backend for database. * Utilized Adobe Illustrator to create custom icons that clearly show users where to locate movies and games of interest. |
| 10/2021-  2/2022 | **JavaScript Project**  **Remote**  **Independent Software Engineer**   * Leveraged advanced, external Application Programming Interface (API) to develop new application that allows players to host Dungeons and Dragons games more efficiently. * Developed features that allow users to store individual game statistics and progress. * Utilized JavaScript to create engaging gameplay that updated in real time with graphics that adapted based on information pulled from API. |
| 10/2020-  10/2021 | **Small Business Administration (SBA)** **Remote**  **Loan Officer**   * Aided 70+ clients weekly; provided 1:1 support on altering loans and updating interest rates. * Conducted interviews and research to determine businesses’ eligibility for government aid, supplying businesses with $48M+ in grants and loans. * Prevented $3M+ in fraudulent claims by thoroughly investigating client and IRS submitted documents to prevent fraud. * Collaborated with special projects team to review 1K+ former client cases and determine appropriate corrections to past decisions. * Performed in top 3% of closing loan officers. |
| 5/2014-  9/2020 | **Ron Marhofer Auto Family** **Remote**  **Accounting Analyst**   * Organized bank reconciliations for five automotive dealerships while meeting strict deadlines. * Arranged car deal accounting materials and journal entries for dealership’s records according to GAAP. * Managed numerous special projects including setting up accounting databases and training employees on proper database utilization. |
| **EDUCATION** | |
|  | **Flatiron School**  **New York City, NY**  Software Engineering Bootcamp |
|  | **University of Notre Dame**  **Notre Dame, IN**  Master of Science, Management  *magna cum laude* |
|  | **Wheaton College**   **Wheaton, IL**  Bachelor of Arts, Philosophy  *cum laude* |
| **TECHNICAL** | |
|  | * JavaScript, Ruby, Ruby on Rails, HTML, CSS, React, Sinatra, PostgreSQL, GitHub, CCC, SQL Python, Adobe Photoshop, Excel, QuickBooks, Microsoft Access |
| **LANGUAGES** | |
|  | * Knowledge of English and German |