Cameron Braatz

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Experienced software developer/designer with a robust background in full-stack application development and landscape architecture. Adept at applying a multi-disciplinary approach to problem-solving, with a strong ability to create user-centric, scalable solutions. Proven leader managing both design and development projects, leveraging skills across multiple industries to drive innovation and deliver results. Skilled in backend APIs, frontend development and intuitive user interfaces using modern development tools.

EDUCATION

UNIVERSITY OF COLORADO BOULDER, Boulder, CO
Bachelor of Science Computer Science (Summa Cum Laude)   *Graduated December 2024*

- GPA: 3.900
- *Relevant coursework: Algorithms, Artificial Intelligence, Machine Learning, Operating Systems (C), Computer Systems (C++), Software Development & Methods, Intro Data Science, Linear Algebra, Discrete Structures, Calculus, Statistics*

UNIVERSITY OF WISCONSIN MADISON, Madison, WI
Bachelor of Science Landscape Architecture, Certificate of Studio Art (Dean's List)   *Graduated May 2018*

- GPA: 3.491
- *Relevant coursework: Chemistry, Physics, Botany, Horticulture, Geography, Geographic Information System (GIS)*

TECHNICAL SKILLS

Program Languages: Python, C, C#, C++, HTML, CSS, JavaScript, Typescript, Scala, Java, NumPy, Assembly
Frameworks/Tools: React, Django, .NET, Flask, NumPy, Pandas, Git, Adobe Creative Suite, SketchUp, AutoCAD, Figma/Miro
Design | Architecture: Spatial Thinking, User-Centered Design, Design Systems, Environment/Behavior Studies
Development Concepts: REST API's, Frontend / Backend Development, Apache/Linux Deployment, Agile Methodology

PROFESSIONAL EXPERIENCE

TRANSPORTATION COMPUTER SUPPORT (TCS), LLC., Wisconsin (remote)
Web Integration Consultant   *September 2023 – Present*

- **C# and Cross-Platform Development:** Led development and ongoing refinement of secure web-based applications using JavaScript (React) and C# (.NET) to streamlining administrative tasks, enabling live delivery tracking, and optimizing dock operations. Managed client requirements and delivered tailored solutions aligned to their evolving needs.
- **Frontend Development | UX/UI Design**: Designed and implemented intuitive, responsive user interfaces using custom React components, ensuring seamless user experiences through flexible styling for users across all devices. Leveraged spatial thinking and design principles honed while practicing landscape architecture/design.
- **Dev Ops**: Managed a Linux/Apache web server for internal deployment of company websites and services. Ensured smooth operations and supporting preliminary client testing to verify functionality, performance and user experience before launch.

NORRIS DESIGN, Denver, CO
Associate | Landscape Architect   *June 2018 – September 2023*

- **Project Management:** Led design and production teams in 40+ multidisciplinary projects, including multifamily housing, master-planned communities, and academic campuses. Integrated technology-driven tools to enhance collaboration and streamline workflows across teams, ensuring successful project completion on time, on budget and above expectations.
- **Team Leadership:** Directed and mentored small design teams, ensuring high-quality construction sets and timely project completions. Maintained strong professional relationships that generated consistent business opportunities.
- **Cross-Disciplinary Collaboration:** Collaborated with engineers, architects, and construction professionals to ensure both design goals and technical requirements are satisfied across complex projects and aggressive timelines.
- **Design Visualization:** Implemented a stack of design software to render designs in 2D and 3D for client/marketing presentation. Methods included SketchUp, Lumion, and the Adobe Suite (in addition to hand-drafting tools).

PROJECTS – see cameronbraatz.com for more projects + details

DELIVERY MANAGER
Lead Developer   *February 2024 – Present*

- Full-stack JavaScript (React) and C# (.NET) web service that enables drivers to manage their delivery manifest from mobile or onboard devices, improving delivery efficiency and providing live updates to inbound dock staff.
- Integrated REST APIs with an MSSQL Express database, enabling secure and responsive workflows on any web-device.

RENT TO OWN CALCULATOR
Lead Developer   *September 2023 – Present*

- Developing a full-stack React/Django app forecasting ROI and spending patterns for property ownership vs. renting.
- Implemented NumPy/PANDAS libraries to package Excel-based algorithms behind a dynamic, user-friendly interface.