# Andrew Pleeter

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## EDUCATION

- **University of Colorado Boulder** — **August 2021 - May 2025**
  *Bachelor's Degree* in Computer Science — *Boulder, CO*
  - Minors in Computer Engineering and Business

  *Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Machine Learning, CyberSecurity, Theory of Computation, Database Sys, Blockchain, Computer Systems, Software Development, Computer Organization*

## EXPERIENCE

- **Founding Software Engineer** — **May 2025 - Present**
  *Monovalley* — *Scottsdale, AZ*
  - Built Monovalley's full-stack website using Next.js and MySQL (via Prisma ORM), resulting in 20% faster load times and seamless responsiveness across devices
  - Designed and deployed a survey analytics system that processed 500 weekly responses, enabling leadership to make data-driven product decisions
  - Automated CI/CD pipelines with linting, testing, and deployment scripts, reducing production bugs by 30% and improving developer efficiency

- **Full Stack Developer** *Intern* — **May 2025 - September 2025**
  *Fyndme.co* — *Elmont, NY*
  - Developed and deployed 10+ REST API endpoints in Node.js/MongoDB
  - Built interactive Next.js UI components (forms, dashboards) that seamlessly integrated with backend APIs, improving user engagement and reducing form errors by 25% with JOI schema validators
  - Led peer code reviews and resolved 30+ merge conflicts, raising overall code quality and ensuring smooth team collaboration

- **Advisory and Transaction Brokerage** *Intern* — **June 2024 - July 2024**
  *CBRE* — *New York, NY*
  - Established connections with 50+ AI-related startup companies to facilitate office space leasing in NYC
  - Conducted space audits and participated in client tours to assess specific office requirements

## LEADERSHIP

- **Director of Freshman Council and Board Member** — **August 2024 - May 2025**
  *University of Colorado Engineering Council* — *Boulder, CO*
  - Served on the governing board representing engineering students and their initiatives
  - Collaborated with faculty and student organizations to enhance engineering programs and other projects

## PROJECTS

- **DAO Governance Interactive Dashboard** — **January 2025 - May 2025**
  *University of Colorado Boulder* — *React.js, Blockchain Analysis*
  - Developed a dashboard visualizing governance metrics between DAOs and traditional corporations
  - Created responsive data visualizations using Recharts to show governance patterns across five major DAOs

- **40 Instruction RISC-V Processor** — **September 2024 - December 2024**
  *University of Colorado Boulder* — *Codal, RISC-V Hardware Design*
  - Designed and implemented a complete 5-stage pipelined CPU supporting 40 RISC-V instructions, including complex branching and memory operations
  - Optimized CPU pipeline stages—`fetch`, `decode`, `execute`, `memory`, and `write-back`—resulting in nearly an 8% improvement in clock cycle efficiency

## CERTIFICATIONS & SKILLS

- **Certifications**: Robotic Mapping and Trajectory Generation, Basic Robotic Behaviors and Odometry, Career Essentials in GitHub Professional Certificate, Entrepreneurial Studies Certificate

- **Tools & Technologies**: Git, Python, Objective-C, C++, HTML, GDB, Node.js, React.js, Assembly, Scala, SQL, LaTeX, VSCode, Xcode, Next.js, Prisma ORM, RESTful API's