

Alex (In Su) Chang

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EDUCATION

University of Colorado Boulder - College of Engineering & Applied Science

B.S. in Applied Computer Science (Post-Baccalaureate) | GPA: 3.9/4.0

Expected May 2026

Boulder, Colorado

University of Colorado Boulder, Leeds School of Business

Bachelor of Science in Business Administration – Finance, *With Honors, With Distinction* | GPA: 3.9 / 4.0

December 2020

Boulder, Colorado

Honors and Awards: Leeds Honors Program, Dean's List (all semesters), Beta Gamma Sigma

PROFESSIONAL EXPERIENCE

Software Engineer Intern - Basketball Operations

Jan 2026 - Present

Oklahoma City Thunder

Oklahoma City, Oklahoma (Remote)

- Develop and maintain internal applications and data systems across player performance, medical and physical research, player evaluation, and strategic planning
- Build full-stack features using Django, Angular, and PostgreSQL; integrate internal and external data sources to support basketball analytics workflows
- Collaborate with engineers and analytics stakeholders to deliver tools enabling real-time, data-driven decision-making within basketball operations

Technology Investment Banking Analyst

June 2021 - June 2023

Citigroup

San Francisco, California

- Advised technology companies in M&A, equity raises and leveraged finance deals totaling \$2B+ in transaction value
- Built complex financial models and performed quantitative analysis using Excel, VBA, and proprietary financial software
- Conducted comprehensive industry research and synthesized large datasets to support strategic decision-making
- Collaborated with cross-functional teams to deliver time-sensitive deliverables under pressure

PERSONAL PROJECTS

Custom Memory Allocator ([GitHub](#))

C, Systems Programming

- Implemented a dynamic memory allocator with segregated free list and explicit free list strategies
- Optimized for efficient allocation, deallocation, coalescing, demonstrated practical understanding of heap management
- Extensively tested allocator performance and correctness under varied workloads

Tiny Unix Shell ([Github](#))

C, Unix Programming

- Built a Unix-style shell supporting job control, I/O redirection, and custom built-in commands
- Designed process management with fork(), exec(), and signal handling for foreground and background jobs
- Validated correctness against real-world shell usage scenarios

Personal Developer Portfolio ([Live](#) | [Github](#))

Go, HTML/CSS, Tailwind

- Developed a personal portfolio site using Go's standard library (net/http, html/template)
- Designed a clean UI with Tailwind CSS, showcasing projects and experiments
- Deployed for public access as a professional developer profile

TECHNICAL SKILLS & INTERESTS

Languages: Python, JavaScript/Typescript, HTML, CSS, SQL, C, C++

Tools / Frameworks: Django, Angular, PostgreSQL, Git, Linux, Bash

Personal Interests: Basketball, NFL, MLB, Strength Training, Fishing, Guitar, Golf, Travel