

Arthur Tan

Software Developer

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Education

San Jose State University

Aug 2019 – Present

BS | Management Information Systems (MIS) – 3.58 GPA | Dean's Scholar

Skills

Programming: Python, HTML, Solidity, MySQL WB, Ethereum Virtual Machine, Remix IDE, Visual Studio Code

Systems:: Notion, Git/Github, MS Excel, Gamemaker Studio 2.0, Unity, Adobe (PS, Illustrator, LR, CC), systems design, asynchronous programming

Soft: Critical thinking, continuous learning, team player, collaborating, communication, adapting, continuous problem solving, coachable, motivated

Experience

Blockchain Developer | SJSU Blockchain Research

Jan 2022 – Present

- Developed multiple **ERC 20** Tokens, coded via **Solidity**, deployed via **EVM** & MetaMask
- Ongoing Web3.0 research, centered around Defi, DApps, and practical application of blockchain technology
- Smart contract creation & deployment tested on Layer 2.0 networks

Graphic Designer | Prosper

March 2017 – Present

- Created conceptual **graphics** for social media and marketing use, and applied knowledge of urban artistry to digital art.
- Delivered full and complete portraits to multiple clients.
- Constructed triangle-based (**low-poly**) graphics for multimedia use and picture framing

IDEAS Lab | SJSU Startup Hub

Aug 2022 – Present

- **Startup** community centered around entrepreneurial ventures, app development
- Collaboration with Silicon Valley VCs for early funding rounds & mentorship

MISA | Management Information Systems Association

Aug 2022 – Present

- FAANG networking, connections, & opportunities
- Premiere club for business & technology
- Leadership & soft skill development (coachability, communications, management)

Projects

Video Game Development: "Greenguard"

September 2022–Present

- Developed on **Gamemaker Studio 2.0** engine; RPG with retro graphics, medieval undertone, and replayability.
- Personal project aimed to test conceptualization, critical thinking, creativity, and complex ideation.
- Responsible for production, alpha testing, code integrity, bug fixes & troubleshoots
- Application of **Unity** concepts

Programming Projects

2021–Present

- **Python-based** automated password generator, stored via **MySQL** database
- **HTML / JS** pseudo websites for code practice

Continued Learning

App Academy

Present

- Full-Stack Software Development Curriculum