

# Nathan Chung

817-653-5300 | [nathanwjchung@gmail.com](mailto:nathanwjchung@gmail.com) | [linkedin.com/in/nathan-chung4](https://linkedin.com/in/nathan-chung4) | [github.com/NathanChung4](https://github.com/NathanChung4)

## EDUCATION

### Texas A&M University

Bachelor of Science in Computer Science - GPA: 3.6/4.0

College Station, TX

Expected May 2028

**Relevant Coursework:** Programming I, Intro to Computing, Program Design and Concepts, Discrete Structures for Computing, Linear Algebra

## EXPERIENCE

### AI Engineer Intern

June 2025 – Present

Arkane Digital

Remote

- Developed and deployed 10+ AI-powered Raikoo workflows with Python, TensorFlow, and scikit-learn, reducing manual front-end development time by 60% and accelerating feature roll-out across teams.
- Designed and implemented multi-component generation logic with advanced data preprocessing, supporting 20+ UI configurations and improving front-end scalability and consistency by 35%.
- Integrated and fine-tuned deep learning and NLP models into design-to-code systems, increasing developer throughput by 40% and improving automation accuracy across all React component builds.

### Software Developer Intern

Aug. 2022 – May 2024

Edikt Studios

Frisco, TX

- Designed and developed 4 game prototypes in Unity and Unreal Engine with a team of 3+ developers, leveraging C++ and C# to implement core game play logic, interactive UI elements, and level design mechanics.
- Integrated 20+ 3D and 2D assets into game engines, utilizing physics-based interactions and scripting for enhanced realism and user immersion, which improved overall gameplay experience by 25%.
- Tested and optimized game features across builds, employing Agile methodologies and version control tools (Git, SVN) to streamline the software development life cycle and ensure stable, efficient iteration.

### Front End Developer Intern

June 2023 – March 2024

Arkane Digital

Remote

- Built and deployed 10+ responsive web components using HTML5, CSS3, and JavaScript, improving user interaction time by 25% and enhancing accessibility compliance scores by 20% across all devices.
- Developed and optimized front-end features with React and Next.js, reducing average page load times by 30%, boosting SEO ranking by 15%, and cutting down critical rendering path issues by 35%.
- Designed and tested dynamic pages leveraging Angular, Vue.js, Node.js, Express, and MongoDB, achieving a 99.9% uptime rate and resolving 95% of bugs before deployment by using Git/GitHub in an Agile workflow.
- Collaborated with a cross-functional team to troubleshoot accessibility and performance issues, improving web accessibility compliance by 18% and driving a 40% increase in profile views and a 22% rise in LinkedIn follower engagement.

## PROJECTS

### Arkane Digital Webpage Enhancement | React, JavaScript, HTML/CSS, Next.js, Git

March 2024

- Architected and developed a comprehensive landing page featuring 5+ interactive components including About Us, Join Us, Articles, and company logos sections using React and Next.js, resulting in 35% improved user engagement and 25% longer average session duration.
- Implemented responsive design patterns with HTML/CSS and JavaScript across 15+ page layouts, ensuring optimal user experience on desktop, tablet, and mobile devices with 98% cross-browser compatibility.
- Optimized component loading and rendering performance using React hooks and state management, reducing initial page load time by 40% and improving Core Web Vitals scores by 30%.
- Collaborated with 3+ team members using Git version control and Agile methodologies, delivering 100% of project milestones on time and resolving 50+ merge conflicts efficiently throughout the development cycle.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, TypeScript, HTML/CSS, C/C++, C#

**Frameworks/Libraries:** React, Node, Next.js, TailwindCSS

**Developer Tools:** Git, Github, MongoDB, Visual Studio, IntelliJ, Agile, OAuth 2.0

**AI:** OpenAI, Cursor, GPT APIs, Raikoo