

Andrew Marks, M.S.

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Seasoned and dedicated UI/UX professional with a focus on usability and human-centered design—seeking the UI/UX Designer position at General Dynamics Information Technology. Pursuing research to transform customer needs into intuitive wireframes, mockups, prototypes—and weaving data-driven narratives to enhance user experiences. Fluent interpersonal communicator, with many transferrable skills, including:

- UI/UX Research & Design
- Project Management & Product Design
- Interpersonal Communication
- Software Development
- Information Architect
- Predictive Modeling
- Machine Learning
- JavaScript & Python
- HTML
- Agile
- CSS
- Blockchain Technology, Cryptocurrency & Web3
- Decentralized Finance (DeFi) & NFTs
- Natural Language Processing (NLP)
- Play-2-Earn (P2E) Gaming
- Discord Community Management
- Object Oriented Programming
- Web Scraping
- A/B Testing
- Databases
- Data Cleaning
- MS Office

Education

Claremont Graduate University, *Masters in Information Systems Technology (2021)*

California State University of Northridge, *Bachelors in Economics – with distinction (2012)*

Professional Experience

Northrup Grumman Corporation, Redondo Beach, CA

Software Engineer – Payload & Ground Systems, July 2021 – Present

- Developed application UI components and layouts based on customer requirements and internal constraints
- Collaborated with Internal Research and DevOps team to ensure CI/CD setup for testing and developing prototypes
- Focused on Information Architecture, ensuring UI components access to telemetry and mission data
- Created and maintained software written in Java and Python while working in an agile environment

Fierce Nutraceuticals, Add Location

Project Manager, February 2016 – August 2018

- Grew revenue from \$0 to \$80K per month (within 6 months) and annual sales to \$2M+ within 2 years; led analytics and data team to identify best supplements to partner with existing product line (and expand to new markets)
- Led development and launch of health/weight management supplement for startup—focusing on product growth, market research, operations, and distribution

Epic Fitness Group, North Ridge, CA

Product Designer & Project Manager, January 2014 – June 2016

- Oversaw budgets for social media, TV, digital ads, and app campaign, ranging from \$50K to \$75K per month
- Led mobile application design/development on a Top 50 Health & Fitness product (U.S. market)—leading to a 30% increase in web traffic and 9% increase in sales after app launch

Equity Residential, North Hollywood, CA

Leasing Consultant & Price Analyst, March 2012 – January 2014

- Maintained property price database, audited competitor prices, and worked with pricing analysts to develop optimal pricing strategy—increasing average rents by 25%+ and occupancy from 94% to 98.5%

Selected UI/UX Designer – Projects

Decentralized Finance (DeFi) & Crypto Onboarding

Researcher & Developer – DeFi & Crypto Advocacy & Onboarding, Start Date – End Date

- Conducted comprehensive UX research to identify challenges faced by new crypto users transitioning from centralized to decentralized platforms
- Developed gamified app concept tailored to diverse motivation, to simplify onboarding and education in DeFi
- Created wireframes for seamless onboarding incorporating insights from interviews, affinity groups, personas, etc.

Battle Warriors NFT

UX Researcher & Developer, Start Date – End Date

- Designed launched The Viking NFT Warriors (generative collection) with diverse characters, weapons, and looks
- Grew Discord server to 3K+ members and increased Twitter followers to 3K+; authored Medium articles
- Developed Python script generating random characters/rarities, combining creativity and technical expertise
- Created website showcasing NFT collection, highlighting roadmap, and enabling minting on Ethereum

Shogun War – Play-2-Earn (P2E) Game

UX Auditor & Designer, Start Date – End Date

- Conducted comprehensive UX audit for crypto play-to-earn (P2E) game—identifying usability issues and providing recommendations for navigation, onboarding, and structural improvements
- Redesigned game's navigation system and various pages, addressing key audit issues and enhancing UX
- Designed aesthetically pleasing, engaging crafting page—incorporating character select windows, inventory panels, crafting selection windows (and a graphic for successful crafting achievements)
- Created immersive Beast Forest and Dungeon pages, using text, character select windows, graphics, transitions, and ending animations to enhance player's sense of accomplishment

Discord Community Management Dashboard

Designer/Developer, Start Date – End Date

- Spearheaded and devised comprehensive Discord (community management) dashboard—shaped to manage multiple projects, roles, permissions, alerts, and key metrics
- Developed clear information architecture, wireframes, and mockups—iterating based on client feedback and design insights for optimal UX
- Leveraged visual design/data visualization to create engaging, informative dashboard—displaying key stats, social media metrics, collaborations, and user engagement
- Conducted user testing and iterations with clients and moderators—refining dashboard for specific preferences/requirements

Airbnb Optimal Price Model: Using 28K listings with 100+ features provided by Airbnb for Dublin, Ireland

- Slashed Mean Absolute Error by 40%+, Root Mean Absolute Error by 55%+, and R^2 score from 0.48 to 0.61
- Cleaned, explored data; narrowed down and engineered features; built baseline and Random Forest Regression model to predict price-per-night for each listing (using mean absolute error, root mean squared error, and R^2 score)
- [AirBnB predictive model — Andrew Marks \(andrewmarksart.com\)](#)
- [GitHub - AndrewMarksArt/AirBnB_Predictive_Model](#)

***Full project listing at [linkedin.com/in/andrewmarksart/](https://www.linkedin.com/in/andrewmarksart/)**