

AUSTIN TARANTO

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Software Engineer | Certified AWS Cloud Practitioner | Full-Stack Web Developer

Tenacious problem-solver with strong work ethic, ready to expand cloud and coding knowledge to solve real-world challenges, drive projects forward in dynamic environments, and contribute to team success.

Cloud Computing & Infrastructure: AWS, EC2, S3, IAM, VPCs, Public & Private Subnets, Auto Scaling, VMware.

Programming Languages & Scripting: Python, JavaScript, Bash, Shell, HTML5, CSS, JSON.

Frameworks & Libraries: React, Node.js, Express, Bootstrap, Handlebars, React-Native, jQuery, AJAX.

Databases: MySQL, MongoDB, Firebase.

DevOps & Automation: CI/CD, Git, Vantage.

Project Management & Collaboration Tools: Jira, Miro, Microsoft Office Suite.

Version Control & Development Environments: Git, Linux.

RELEVANT EXPERIENCE

iNDEMAND (Comcast/Charter/Cox JV) – New York, NY (Remote)

Media Engineer

2022 – Present

Support CMS, Operations, Developers, and Post-production staff by troubleshooting technical issues and providing solutions. Collaborate with internal departments to track/install application licenses and launch, maintain, and automate systems while managing media asset management (MAM) database of 2M+ files and processing content for thousands of assets.

- Enhance QC process efficiency by building and editing workflows in Vantage (20 categories and 267 workflows), processing nearly 500K media content files and delivering 183K+ media packages annually aligned with specifications.
- Resolve multimedia issues by evaluating problematic files and creating corrected versions, addressing transcoding system failures, troubleshooting editorial platform, and restoring files from AWS S3 or tape library storage.
- Create and maintain technical documentation, streamlining onboarding and knowledge sharing for team members.
- Execute Python commands in terminal for testing files or adjusting metadata.
- Own system administration tasks for high-profile initiatives like the Carnegie Hall channel, monitoring/maintaining transcoding systems, addressing network-related issues, and ensuring optimal infrastructure performance.
- Engage in Jira, sprint, and point planning and use Scrum/Agile methodology to plan and execute technical roadmaps.

Previous: Junior Engineer

2022 - 2024

Columbia University – New York, NY

2019

Full-Stack Web Development Student – Engineering Coding Boot Camp

Developed strong technical foundation in full-stack web development through intensive coding projects and collaborative team environments. Applied expertise in front-end and back-end technologies to build and deploy web applications.

- Built [Hangman Game](#) using HTML5, CSS, and JavaScript with a theme inspired by Metal Gear Solid, enhancing user experience through dynamic gameplay.
- Created memory-based [Clicky Game](#) using React, CSS, and HTML5 to engage users in a challenge of visual recall.
- Developed [Crystal Game](#), a mathematical game that challenged users to reach a numerical target without exceeding it, utilizing HTML5, CSS, and JavaScript.

Early Career: Promoted from Media Service Coordinator to Media Asset Manager at CBS Sports Network (2014 – 2022).

EDUCATION & CREDENTIALS

Columbia University – The Fu Foundation School of Engineering & Applied Science

Engineering Coding Boot Camp: Certificate, Full-Stack Web Development

Sacred Heart University – John F. Welch College of Business

Bachelor of Science, Business Administration (Entrepreneurship Concentration)

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT: AWS Cloud Practitioner | Whizlabs – AWS Associate Cloud Architect Course | Frontend Masters – JavaScript Course | Codecademy – Python Course