Niall Miner

Full-Stack Software Engineer

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EXPERIENCE

Software Engineer | WellFence/Drilling Tools Intl.

Nov 2018 – Present | Houston, TX

- Created entire UI/UX and backend of company web app that is both user-facing, as well as client-facing using Ruby on Rails
- The site keeps track of over 20,645 unique user information and can handle up to 1.2 requests per second
- Optimized new user registration process by ~90.8% by utilizing IoT and AJAX calls compared to previous polling methods
- Generate charts, site rosters, event history, and user compliance digitally using over 3.95 million data points from a live PostgreSQL DB

Quality Assurance Tester | Six Foot Games

June 2018 – Oct 2018 | Houston, TX

- Troubleshooted and tracked bugs found for varying versions of the video game Dreadnought using JIRA and Confluence
- Implemented pushing/pulling patches and builds to multiple machines to test on different platforms such as PC and PlayStation 4
- Responsible for the development, maintenance and execution of high-quality specialized testing procedures and support services during the QA process

Lead Instructional Media Developer | The Trefny Center

Jan 2016 – May 2018 | Golden, CO

- Renewed the department's website with a whole new design and functionality, while collaborating with faculty to receive feedback on user experience
- Improved teaching quality at the Colorado School of Mines by producing supplemental instructional videos and graphics
- Collaborated with faculty to help them achieve a higher productivity and improve their teaching methods

Software Engineer Intern | Deep Space Systems

Aug 2016 – Dec 2016 | Littleton, CO

- Constructed and tested hardware kits to be used as final products on the Orion Spacecraft
- Developed bash scripts in Linux environments for command line interaction to run tests and collect automated test results
- Troubleshooted software problems by controlling cameras remotely through a Linux terminal

SKILLS

Languages
Ruby on Rails, ReactJS, JavaScript, HTML5, CSS3

Frameworks & Databases
jQuery, React, Node.js, MySQL, PostgreSQL

Platforms
Azure, AWS, Heroku, GitHub/Git, Netlify, WordPress

Software
Godot, Unreal Engine, Unity, Android Studio, Adobe Photoshop

EDUCATION

Colorado School of Mines

Aug 2014 – May 2018 | Golden, CO

BS in Computer Science
Cumulative GPA: 3.641

PROJECTS

NFT Website

Coded website to host metadata about an NFT collection I made called Windfall Village. Site uses API calls to OpenSea and Coinbase to show ETH and price history

Order Form OCR

Online shopping API DTI Compass add-on to make it easier for part order creation. RoR app that reads a Schlumberger order PDF and parses the file to show resulting part list for a DTI shopping cart