Connor R. Couetil

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Address
Manhattan
New York, NY 10002

In business and IT positions for 3 years, as well as specialized customer facing roles for 5+ years. Analytical professional who values innovation and collaboration. Strives to improve performance and personal enrichment.

PROFESSIONAL EXPERIENCE

Software Engineer, New York, NY   **February 2018 – Present**
Developed automated transcription and notification software for audio files archived by a business podcast.
- o Creates an Amazon Web Service (AWS) Lambda function running Node.js that listens whenever an audio file is added to an S3 bucket, sending an API request to AWS Transcribe to process the audio file.
- o Parses JSON responses for transcript, pushes to S3, and formats with HTML/CSS before emailing user.

Designed responsive web site (HTML5/CSS3/SASS) allowing clients to pay for and connect with equine experts.
- o React JS client app is served by Nginx with a Node.js REST API for managing AWS and payment services.
- o Deployed apps in Docker containers on an EC2 instance, implementing CI/CD with Jenkins and Git.

Designed web portfolio powered by Amazon Web Services for a Brooklyn artist applying to shows and festivals.
- o Used Node.js running in AWS Lambda to generate HTML from Nunjucks templates whenever artwork metadata is added to a DynamoDB database. Artist instantly updates by adding artwork to S3.
- o Serverless architecture optimizes images for all devices, responsive web design supported by SASS.

Provided consulting services for a Manhattan software firm seeking alternatives to .NET and Microsoft Platforms.
- o Gave training for administering PHP, Wordpress, MySQL, and Nginx in Linux on various web infrastructure services: Amazon Web Services, Google Cloud, Digital Ocean, and Gandi.net.

Enova International, Chicago IL   **May – August 2016**
Marketing Analytics Intern for global financial technology company offering online consumer & business lending.
- o Built logistic regression, gradient boosting and random forest models in R and Python to sort customers into email campaigns optimizing marketing spend, trained on data in a PostgreSQL database.
- o Measured >2% growth in email customer retention, data showed mobile had significant engagement.

The Entrepreneur Authority, Dallas TX   **January – May 2016**
Intern for a leading franchise consulting firm focused on recruiting high potential individuals to start franchises.
- o Converted franchisee recruiting process from Excel sheets attached to emails into a Wordpress plugin, enhancing onboarding experience using HTML/CSS formatted notification emails and PHP with Javascript for form validation, while securing user data in a MySQL database.
- o Decreased website loading time by ~30% by integrating a CDN and built additional web content.

Spection Analytics, West Lafayette IN   **August – December 2015**
Intern for an early-stage faculty startup focused on novel decision tree algorithms for data analytics.
- o Ran data quality tests using Python to evaluate data sets for use in machine learning algorithms.

RESEARCH EXPERIENCE

Research Assistant in Purdue Engineering Education, West Lafayette IN   **August – November 2016**
Co-author "Engineering Students' Misuse of Business Concepts: Understanding Problematic Precursors to Entrepreneurship" presented at the 2017 American Society for Engineering Education Annual Conference.
- o Measured 40 university engineering students' understanding of business concepts and value creation using QDA Miner, a qualitative data analysis tool specialized for transcripts.

EDUCATION

Purdue University, West Lafayette IN   **2012 – 2017**
- o Majored in Computer Science. Received Certificate in Entrepreneurship and Innovation.