ALEX COOPER

Software Developer

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Work experience

Apprentice Engineer   2018 - 2018
Identity Tank, LLC

Limited time contract under a Senior Consultant, primarily working in Ruby on Rails. Worked on the development and testing of a digital marketing and eCommerce platform during a period of restructuring; transitioning a legacy app into utilizing a Microservice Architectural pattern.

Created a Signup Funnel Dashboard by collecting consumer traffic data, storing daily metrics in TreasureData, and making changes visible to stakeholders through Chartio.

Liased with Creative Director to execute the complete visual redesign of the consumer landing page and user sign up story, utilizing Bootstrap, Chrome Tools and SCSS.

Built out the API-client library used to integrate legacy app with new microservice. Increased functionality of models to allow Sales team more transparency and mutability in their campaigns. Wrote code to allow this new functionality to be implemented while keeping the old system in place using Sidekiq to create background processing workers that updated the legacy database during the two month transitionary period.

Wrote Rspec tests for all tasks completed. Completed QA on junior engineer tickets and documented test cases on TestRail.

Skills: Ruby, HAML, JavaScript, HTML/SCSS, SQL, Rspec
Technologies: Rails, Postgres, TreasureData, Chartio, Sidekiq, TestRail, JIRA, Bootstrap, Git/GitHub

Business Development Executive   2017 - 2018
BlueOptima

BlueOptima is a rapidly growing software benchmarking company allowing companies to optimize both in-house and outsourced software development

Assisted in technical training of new salespeople, in both the New York and London office. Offered and accepted part-time role of Junior Product Owner for upcoming technology still in development

Conducted persuasive, effective presentations and demonstrations of complex technology solutions to audiences that include C-Level and VP-Level Executives at Fortune 500 companies, both technical and non-technical. Surpassed company record for fastest Pilot contracted by any salesperson

Increased my knowledge of the software development lifecycle from both a business and technical perspective by studying various processes, methodologies and technologies used for organizing and managing development teams of various sizes

Managed and grew pipeline every quarter through prospecting, networking and referral business

Bartender & Floor Manager   2014 - 2016
Woodwork

Managed interactions between kitchen and bar, took inventory, made nightly deposits, key-holder Promoted bar through television appearances, creative incentives, and new specials

Developed seasonal specialty cocktails

Apprentice   2014 - 2014
Gould Paper Corporation

Managed inventory by creating a Comparative Inventory Structure using Microsoft Excel

Tracked and traced product on a continental scale with revenue in excess of 1 billion USD

Qualified leads for Ocean Paper sales department (including: cold calling and solicitation)

Researched, calculated and highlighted comparative product specifications for sales presentations

Education

Bachelors Degree: English - Creative Writing   2005 - 2012
Hunter College

Accepted into Individual Study and Departmental Honors Program under Author and Professor Michael Thomas, Vice President of the Jazz Society, Auditioned into and competed with the Jazz Vocal Ensemble

Web Development Fellow   2018 - 2018
Tech Talent Pipeline - NYCDA

A selective and immersive coding fellowship designed to make graduates job-ready and knowledgeable within 23 weeks.

Languages and frameworks covered include: Ruby, Rails, JavaScript, HTML, CSS, React, Git and database systems such as SQL and PostgreSQL - as well as TDD, Git Work Flow, Agile Development, Peer Pairing, Heroku, RSPEC, and soft-skills training.

Skills

Ruby on Rails, JavaScript, HTML5/CSS/SCSS, PostgreSQL, jQuery, RSPEC, OOP, Git, AWS, AJAX, Agile Methodologies, Customer Service, Business Development, Enterprise Data Management

Portfolio

Barlight is a social medial platform to put service industry professionals first. It is a place for them to indicate their workplace availability to regular customers through the Google Maps Suite, fullcalendar.js and AWS - in hopes of reinforcing the existing culture of mutual reciprocity in the service industry.

Patatap Clone written in JavaScript using the paper.js and howler.js libraries.

Frontend Pokedex Project using the Pokemon API. Please be patient with the API, it is very slow. Pokedex center button shifts from red to grey. When the API has sent back a fully successful call, the button will pulse (it may not if the API is overloaded, though partial views are available).

Fullstack bakery website that displays information on cookies, cakes and muffins offered for sale as well as enables someone to receive a catalog of items sold via email. Written in Sinatra.

Articulate - A web app for practicing public speeches and presentations. A user can hit 'start', perform their speech, and get immediate results on both their performance and content. We used the Web Speech API to parse speech to text in-browser, then sent that text to IBM Watson's Alchemy (RIP) and Tone Analyzer APIs to be analyzed. Once the data comes back from Watson, our server parses and interprets it into useful, human-readable feedback. Built by a team of four over the course of a week using Rails, React, and PostgreSQL. Unfortunately, due to the recent demise of the Alchemy API, service will be suspended until we adapt our server to the new Natural Language Understanding API.

Dishes a simple form I created to learn AWS S3 configuration