

Ambrose Hundal

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Work Experience

Backend Software Engineer	DocuSign	March 2021 - December 2021
<ul style="list-style-type: none">• Developed new features to enhance telemetry, error tracking and performance monitoring of all API requests to core web application.• Increased code coverage by 25% by writing unit tests for Express (Node.js) codebase using Jest framework.• Shipped new releases by testing in local, staging and demo environments and upgraded and maintained existing code.		
Fullstack Developer	UC Santa Cruz Screening Center	January 2019 - December 2020
<ul style="list-style-type: none">• Developed an image analysis tool for increased productivity and streamlined workflows using React.js and Express (Node.js).• Created 4 different Python scripts to write to MySQL database to automate data updates.• Improved query performance by 40% by designing the database schema and indexing columns.		
Software Engineer Intern	Roku	June 2019 - November 2019
<ul style="list-style-type: none">• Implemented an internal tool for over 250 firmware developers to track and audit critical changes in release branches.• Developed and deployed a full-stack application in Python (Django) using a Docker container to increase speed and deployment.• Reduced the workflow process from 6 to 3 steps by designing an improved user experience using JavaScript.		
Software Engineer Intern	BetterManager	June 2018 - December 2018
<ul style="list-style-type: none">• Developed the controller and view section of a coaching portal dashboard for over 1500 coaching clients using Ruby on Rails.• Designed user-interface pages using custom CSS, JavaScript and JQuery.• Increased speed by 5% for core SQL-database migration by automating schema migration.		

Skills and Technologies

Languages - Javascript, Python	Frontend - React, HTML, CSS
Cloud - Amazon Web Services (AWS)	Backend - Express (Node.js), Django, Ruby on Rails
Others - Docker, MySQL, Linux, Git, Jira	Methodologies - Agile, Scrum

Projects

Wildfire Tracker
Built a web app that displays current wildfire events using React.js and fetched coordinates using the NASA API.
Bodyfeed
Developed a full stack application in Ruby on Rails to organize and manage grocery lists, and fetch local Meetup events regarding nutrition using the Meetup API.
Cal-Hacks Covid Hackathon
Collaborated in a team of 4 to build a spontaneous chats web app for professional networking using React and Node.js.
Domespace (Cruzhacks Hackathon)
Developed a full-stack application for users to rent and use sports facilities using Ruby on Rails, JavaScript.

Education

University of California, Santa Cruz	August 2016 - December 2020
Bachelors of Science in Technology and Information Management	
Minor in Computer Science	