

Anirudh Venkataramanan



U.S. Citizen



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EDUCATION

University of California, Santa Cruz | Master of Science, Computational Media

September 2022 – June 2024

Relevant Coursework: Computational Media, Social Computing, Generative Methods

Purdue University | Bachelor of Science, Computer Graphics Technology | GPA: 3.55/4.0

August 2018 – May 2022

Minors in Computer Science and Computer Information Technology

Relevant Coursework: Graphic Design; 3D modeling; Object-Oriented Java Programming; C Programming; Discrete Mathematics; Data Structures and Algorithms; Front-End/Backend Web Development; Desktop App Development; Systems Development; Android Development; Information Systems; Data Visualization; UX Design; Computer Architecture

WORK EXPERIENCE

Data Visualization Teaching Assistant | University of California, Santa Cruz

September 2022 – Present

- Lead office hours twice a week to provide guidance on course content - using Tableau and statistical methods to visualize and analyze data
- Graded assignments and exams

New Media Developer | Contracted by Indiana Farm Bureau Insurance - Indiana

January – September 2022

- Created over 50 interactive and dynamic forms with the ASP.NET MVC framework to improve efficiency in various company departments

Software Development Intern | Lowe's Technologies – California

June – August 2021

- Developed front-end of the company's digital cart and checkout platform for the Multi-Store pickup feature using React.js
- Optimized the company's shopping cart API to support Multi-Store pickups with Node.js/Hapi.js
- Fixed bugs on both the frontend and backend of the company's website to enhance user experience
- Tested all front-end/backend code changes in JavaScript with Jest/Enzyme and by running GET and POST requests in Postman

Full-Stack Web Developer Intern | Promoveo Health – California

June – July 2020

- Created web-based photo-sharing portal for company employees using HTML, CSS, JavaScript, jQuery, and Twitter Bootstrap Framework on the front-end and Classic ASP with VBScript and SQL on the Backend
- Developed cross-platform application for employees/clients to electronically submit signatures using HTML, CSS, and JavaScript
- Designed and developed interactive visual reports for the company with Tableau

Interactive Application Developer Intern | CK-12 Foundation – Palo Alto, California

May – August 2019

- Developed interactive applications for online math textbooks by utilizing GeoGebra, JavaScript, LaTeX scripts, and Object-Oriented Programming
- Filed applications for QA testing and received critical feedback through Bugzilla
- Created proposals for new interactive applications and for improving existing interactive applications

Software Engineering Intern | Baytech Digital – San Jose, California

June – August 2017

- Developed web applications for ClearCom and eBeauty with HTML, CSS, JavaScript, and WordPress
- Created marketing campaigns to increase company's outreach using Infusionsoft
- Tested applications with JIRA and by communicating with other engineers on the team
- Used Photoshop to edit images and models for the company's website and for clients

PROJECTS

Location Tracker - Android App – Java, XML <https://anirudh.netlify.app/location-tracker>

- Users can track their location as they move and view a log of all tracked locations to see where they've been

Culinary Clicks – Full-Stack Image Gallery Website – HTML, CSS, JavaScript, PHP <https://anirudh.netlify.app/culinary-clicks>

- Users can upload photographs of food in a cuisine of their choice, which will then be displayed in a public image gallery
- Those with Super Admin accounts can upload photographs of any cuisine and manage the cuisine categories available

Memory Chef – Desktop Game Application – C#, XML <https://anirudh.netlify.app/memory-chef>

- Players must memorize a pizza order under a timer and then create the pizza from memory

SKILLS

Backend Languages: Python, Java, PHP, SQL, C, ASP-Classic, C#, Node.js, Cypher

Front-End Languages: HTML, CSS, JavaScript, XAML, ASP.NET, Latex, SwiftUI

Frameworks/Libraries: Bootstrap, React.js, jQuery, D3.js, Hapi.js, Angular.js

Deployment: Netlify, Git, Filezilla, Putty, Plix, Stash, Bitbucket

Tools: Android Studio, Visual Paradigm, GeoGebra, Tableau, PHPMyAdmin, Postman, XCode, Google Cloud Platform, MongoDB

Testing: JIRA, Bugzilla, Jest/Enzyme

Graphics: Photoshop, Illustrator, Adobe Animate, Premiere Pro, Final Cut Pro, Camtasia Studio, Autodesk Maya, ParaView, Miro

CERTIFICATIONS

React – JavaScript, Academind (Udemy)

C Programming, Duke University (Coursera)

SwiftUI, CodeWithChris

Machine Learning, Stanford University (Coursera)

Object-Oriented Java Programming, UC San Diego (Coursera)

HTML, CSS, and JavaScript, Johns Hopkins University and University of Michigan (Coursera)

Python Programming, University of Michigan (Coursera)

Node.js and Express.js, Net Ninja