

# Anirudh Venkataramanan



U.S. Citizen



<https://anirudh.netlify.com>



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## EDUCATION

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

*September 2022 – June 2024*

Relevant Coursework: Intro to 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 - December 2022*

- 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 Intern | 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