

ANISH KOTTU

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EDUCATION

DUKE UNIVERSITY

B.S. Computer Science
B.S. Statistics

Durham, NC

August 2017 - May 2022

Relevant Coursework: Software Design and Implementation (Design Patterns) • Computer Architecture (MIPS, C) • Database Systems (SQL) • Regression Analysis (Multiple Regression Modeling) • Statistics (Theoretical and Bayesian Statistics) • Data Science and Statistical Thinking (R) • Probability (Combinatorics, Distributions) • Discrete Math for Computer Science • Data Structures and Algorithms (Java) • Introduction to Programming (Python)

UNC CODING BOOT CAMP

Web Development Student

Raleigh, NC

January - July 2019

- Trained in an intensive, six-month full-stack web development program, using frontend technologies such as jQuery and Bootstrap, supported by backend technologies like SQL, Node, and MongoDB, using Git as an SCM tool
- Created numerous apps, one of which was an app called Autochef that helped users find recipes based on food items in their pantries, using a Bootstrap frontend and Ajax backend.

EXPERIENCE

TCS CODECONNECTS

Instructor • Curriculum Developer

Los Angeles, CA

May 2020 - present

- Taught students Python and web development curriculums in one-on-one sessions, from basic conditionals and logic to algorithms and object-oriented development
- Developed comprehensive web development curriculum for [The Coding School's CodeConnects](#) program involving backend and frontend technologies, designed to teach students from 13 to 21 years old how to code from basic skills in HTML, CSS, and JavaScript to full-fledged design and development involving Flask and Node.

THE BREAK PODCAST

Founder • Host • Marketer

Durham, NC

January 2020 - present

- Host and founder of [The Break](#), focused on interviews about a variety of passions and common experiences passionate people share, joined Thesis Podcast Network as of October 2020
- Built a brand on campus via college newspaper articles and social media (@thebreakpod) with 2000 followers on Instagram
- Founder of media startup, Sonder Media, designed to expand brand amongst multiple podcasts, videos, and music
- Developing website hosted through GitHub Pages, transitioning to AWS with a Route 53 registered domain

DUKE SDAO

Registered Note Taker

Durham, NC

July - August 2020

- Worked for [Duke's Student Disability Access Office](#) to aid students in ENGLISH 221S by providing legible, comprehensive notes for them from lectures

PROJECTS

- **Autochef** uses Firebase database and Edamam API among others to find recipes based on a user's custom pantry
- **Hooper** is a Flask-driven website supported by PostgreSQL to display and manipulate database of real NBA players, teams, and games, with the option to add custom entries
- **Monopoly** is JavaFX app supporting up to 8 players with three variants, written with well-designed and documented code, supported by data files which drive the Model-View-Controller design of the application
- **Grid Simulations** models variants of the Game of Life, including Percolation and WaTor, in a data-driven manner, using a CSV reader to parse data files and display them to the user, who can customize starting patterns and create their own altogether; uses an MVC approach to building the application

SKILLS

BACKEND

Java • Python • R • C • SQL • MIPS • Flask • SQLAlchemy • Jinja2 • Node

FRONTEND

HTML • CSS • JavaScript • Bootstrap • jQuery

TOOLS

GitHub (SCM) • Terminal • IntelliJ • PyCharm • Visual Studio Code • Eclipse • Firebase • PostgreSQL

CERTIFICATIONS

Oracle Java SE Associate