

Ali Ahmad

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Education

Wake Technical Community College

Raleigh, North Carolina

ASSOCIATE OF APPLIED SCIENCE, COMPUTER PROGRAMMING & DEVELOPMENT

Expected Graduation: June 2022

- **Cumulative GPA:** 4.00 / 4.00
- **College Coursework:** Computing Fundamentals, Python Programming, Web Programming & Database Foundations, Network & Security Foundations, Web Development Tools
- **Industry Specializations:** Google IT Support Professional Certificate, Duke University Java Programming and Software Engineering Fundamentals, University of Michigan Django for Everybody, AWS Building Applications With Node.js (In-Progress)
- **Additional Courses:** Colt Steele Web Developer Bootcamp, Jose Portilla Python Zero To Hero, Freecodecamp Responsive Design

Technical Skills

- Languages** Python, JavaScript, SQL, NoSQL, HTML5, CSS3
- Technologies** Flask, Django, Node.js, Express.js, React, Redux, React Native, PostgreSQL, MongoDB
- Tools** Git, Docker, Bash, Unix, REST, Agile

Experience

Software Engineering Intern

Raleigh, North Carolina

LOCAL COMMUNITY CENTER IN RALEIGH (NONPROFIT)

July 2021 - Present

- Migrated 20+ pages from legacy website to new website and adjusted UI to fit modern theme using WordPress CMS, Elementor, and HTML/CSS
- Wrote scripts in Python to automate parts of the website migration process such as replacing the glossary list format with tables
- Reduced the cost of sending SMS notifications to a community of 4201 subscribed individuals by 8x from \$.04 to \$.005 per message by switching from EZText to Twilio, saving the organization \$147 per community-wide message
- Created a web app with Node.js, Express.js, and Bootstrap to act as an interface for sending SMS messages using the Twilio API
- Added the ability to import CSV files containing individual names and phone numbers to a specific messaging list and utilized MySQL to store contacts and segment messaging lists
- Worked with CI/CD using GitHub Actions by writing a YAML file to automate the deployment process on the Ubuntu machine and run test cases upon pushes to master branch

Computer Science and Math Tutor

Raleigh, North Carolina

SELF-EMPLOYED

June 2017 - June 2020

- Taught students fundamental programming concepts such as variables, conditionals, loops, functions, and data structures with Python
- Tutored students in grade-level math courses up to AP Calculus
- Developed the following website to inform students about the various services offered: alituturs.netlify.com

Cashier

Raleigh, North Carolina

HARRIS TEETER

July 2019 - April 2020

- Provided customer service in a fast-paced work environment while continuously adapting to a changing work schedule
- Worked with Harris Teeter software to help manage and fulfill online grocery purchases

Projects

Whats On Ur Mind?

git.io/JcTTF

REACT, PYTHON, FLASK, POSTGRESQL, STRIPE API, FIGMA, HEROKU

whatsonurmind.herokuapp.com

- Built a SaaS (Software as a Service) app to allow individuals to host their own shareable Q & A platforms
- Designed a secure REST API with Flask, an interactive client with React, a PostgreSQL database, and a paid subscription model with Stripe
- Made a feature to allow users to embed their Q & A pages on their own websites / media by generating a personalized code snippet

My Tech Shop

git.io/Jt0MK

REACT, REDUX, NODE.JS, EXPRESS.JS, MONGODB, CLOUDINARY, PAYPAL API, HEROKU

mytechshop.herokuapp.com

- Built a modern e-commerce platform by creating a back-end REST API with Express.js and a front-end with React
- Made a secure system for dealing with users, products, orders, and payments, while adding site management functionality to admins
- Utilized Cloudinary for image hosting, PayPal for handling payments, and Heroku for deployment

Dermatol

git.io/JT3pr

PYTHON, KIVY, TENSORFLOW, KERAS, SCIKIT-LEARN, OPENCV, PLYER API

youtu.be/x25HVwbNF2c

- Built a cross-platform app for detecting possible cancerous skin lesions through capturing photos or uploading custom images
- Won "Best Overall College App Runner Up" in the LiveWell RERC Student App Challenge

Sneaker Place

git.io/JT3pB

NODE.JS, EXPRESS.JS, PASSPORT.JS, MONGODB, STRIPE API, THE SNEAKER DATABASE API, HEROKU

sneakerplace.herokuapp.com

- Built a web app that acts as a custom online marketplace for consumers to buy, sell, and trade sneakers with one another