

Mathew Chanda

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EDUCATION

NORTH CAROLINA STATE UNIVERSITY

B.S IN COMPUTER SCIENCE
MINOR IN MATHEMATICS
GRAD DATE : MAY 2023
Raleigh, NC
Major GPA: 4.0 / 4.0
Cum. GPA: 3.95 / 4.0

EXTRACURRICULAR

Tech @ NC State
Society of Asian Scientist and Engineers
App Development Club
Vietnamese Student Association
CodePath

SKILLS

PROGRAMMING

Java • Swift • Python • HTML
CSS • JavaScript • SQL

FRAMEWORKS/LIBRARIES

React.js • React Native • Angular
• Flask • Bootstrap • UIKit
• Firebase

TOOLS

Android Studio • Xcode • Docker •
Jenkins • Git • MySQL
• AWS (EC2 and CloudFormation)
• MongoDB • Azure DevOps
• Figma • Adobe XD • Confluence

HONORS

AWARDS

Carolina Covenant Scholar
NC State's Dean List
Wolfram Award
Top 20 Hacks at HackNC
Best Hack for Education at HackNC

WORK EXPERIENCE

LEXISNEXIS | SOFTWARE ENGINEER CO-OP

Aug 2020 - Present | Raleigh NC (Remote)

- Joined the Global DevOps Team in an agile environment
- Migrated existing products and Jenkins pipelines from Python 2 to Python 3
- Integrated Datadog into existing services to provide information about EC2 instances in AWS
- Upgraded existing services' AMI to Microsoft Server 2016 or Amazon Linux 2 with Packer, Ansible, and Jenkins

SIDE PROJECTS

PACKRANKS

 Github |  Website


- Developed a web application that finds the easiest courses at NC State for a student by collecting data from course catalog, RateMyProfessor, and grade distributions of all classes offered in past semesters.
- Received 10,000+ pageviews with 300+ signed in users
- Implemented the front-end in ReactJS and styled with Bootstrap
- Led the development of the mobile app of this project in React Native

VIRTUAL PANTRY

 Github

- Developing an IOS application that automates a shopping list based on the current inventory for a shopper to reduce food waste in the household
- Implemented with Swift, UIKit, and Firebase

WOLFSNACKS

 Private Repo

- Developing a web application in Angular, Flask, and MySQL that automates administrative work such as volunteer tracking and data analytics for local food pantry at NC State
- Served 36000+ students at NC State

DISCOVERNEWS

 Github |  Website

- Developed a React.js application that finds articles from three categories (Entertainment, Sports, and Technology) and displayed the articles information in Material-UI cards
- Implemented using React.js, Material-UI, and News API
- Followed Material-UI UX/UI guidelines and standards
- Deployed on a Heroku Dyno

TWITTERCLONE

 Github

- Developed IOS app to view, compose, favorite, and retweet tweets
- Implemented using Swift, Twitter API, UIKit, UITableViews, Navigation, and Auto Layout Constraints