

# Kevin Tang

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## EDUCATION

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### University of Maryland

College Park, MD

*Bachelor of Science, Computer Science and Mathematics*

*Expected May 2024*

- GPA: 3.7
- University Honors Program, Dean's Scholarship
- Relevant Courses: Object Oriented Programming I (Java), II (Data Structures), Discrete Structures, Computer Systems, Organization of Programming Languages, Algorithms I and II, Probability and Statistics I and II, Calculus II and III, Linear Algebra, Intro to AI
- Career Science Club (Vice President and Treasurer)

## EXPERIENCE

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### Incoming Software Engineer Intern

Summer or Fall 2023

*Capital One*

*McLean, VA*

### Teaching Assistant: The Coding Interview

August 2022 - Present

*University of Maryland*

*College Park*

- Introduce core and advanced patterns in algorithmic leetcode style coding problems.
- Teach lectures, grade homework, give 1-on-1 mock interviews.

### Software Engineer Intern

June 2022 - August 2022

*Optum*

*Washington D.C.*

- Saved engineers 100+ hours a year by developing a full stack application to automate client application onboarding to Optum's aikyam identity platform in a team setting.
- Utilized React JS for UI, Java Spring Boot and Golang for REST API backend, Amazon Aurora for database.
- Utilized Postman for backend API testing, Docker and Heroku for deployment.

### Web Developer

June 2021 - July 2021

*Wise Guys Podcast*

*Annapolis, MD*

- Worked with the hosts of the Wise Guys podcast to create a website that showcases their best episodes using an integrated audio player
- Built a webpage that automatically updates whenever a new episode is posted by using using a JavaScript RSS feed reader

### IT Department Call Center Technician

January 2021 - September 2021

*University of Maryland*

*College Park*

- Assisted 50+ students and faculty a week by answering IT questions, diagnosing issues concerning directory accounts, and teaching them how to use software through the phone or remote-control tools.
- Wrote call tickets to help coworkers to answer callers' follow-up questions or diagnose related incidents.
- Learned better communication skills and how to explain technical solutions to nontechnical callers.

## PROJECTS

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### ByteLands NFT | *Technologies used: React JS, Solidity, Node JS, Hardhat, IPFS, HTML/CSS*

April 2022

- All in one tool for users to generate NFT art, deploy and showcase tokens
- Built solidity smart contract backend for minting and transferring with cryptocurrency wallets
- Built an art generator and created original art for token images to store on IPFS database
- React JS UI displays wallet balance, allows user minting, and showcases all minted NFTs

### PiperChat | *Technologies used: React JS, Firebase, HTML/CSS*

January 2022

- Chat room with auto moderation through Firebase cloud functions
- Designed chat interface and implemented the UI in React
- Configured google account integration and Firebase cloud functions for account moderation/banning for language violations

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, C, OCaml, Golang, Rust, Ruby, JavaScript, HTML/CSS, SQL, R, SAS

**Frameworks and Technologies:** React, Spring Boot, Docker