

# Colin Lee Yamada

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## EDUCATION

**University of Wisconsin-Madison:** Bachelors of Letters & Science, Data Science & Computer Science

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## CS/DS RELATED EXPERIENCES

**General Experience:**

- Created a website that connects programmers together to work on projects using a social media-style recommendation feed
- Built our own database that stores user preferences and a matching algorithm that provides users with relevant project posts.

**Computer Programming:** Personal programming projects using Java and Dart

- Designed and programmed a data analysis system that processes and interprets given datasets
- Created a wellness app with Flutter/Android Studio, motivating users to grow a virtual tree by expanding their social network..

**Data Analysis:** Personal data analysis projects using R, Excel, and Python

- Utilized data sets provided by NPB to create a baseball simulation with Linear Algebra in Excel and Python
- Utilized the national highway dataset to establish a car insurance rate for a hypothetical company

## AWARDS/ACHIEVEMENTS

**Winner of the 2024 MadHacks(Financial Category):** <https://devpost.com/software/taskchain>

- Built a smart contract using Solidity where staked funds are sent to charity if goals or commitments are not met, promoting accountability and responsibility among users

**Runner Up of the 2024 Badger Blockchain Hackathon:** <https://github.com/YoshiTheExplorer/cBounty>

- Developed a decentralized application using Solidity and React/Next.js with ThirdWeb SDK, enabling users to stake ETH on bounties for accountability and motivation in individual or group settings
- Integrated smart contracts for project management, admin verification, and user rewards, deployed on Ethereum testnet.
- Deployed the frontend on AWS Amplify

**Placed Top 5 for the Smart Contract bounty Challenge Offered by Coinbase**

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## WORK EXPERIENCES

**Visual Data Annotation Specialist:**

Assisted a graduate students' research papers by annotating cow positions and behaviors with the aid of Python scripts.

**Mathnasium Instructor:**

Provide personalized math tutoring by utilizing data collected from the student's previous test performance

**Yokohama International School Teaching Assistant:**

Supported lead teachers in classroom management and student supervision

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## SKILLS

Software/Programming Languages:

Java | Python | R | Solidity | TypeScript | JavaScript | React | Next.js | Web3.js | Node.js | SCrypt

Languages:

English, Japanese