

# DANIEL HU

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## EDUCATION

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### PRINCETON UNIVERSITY

2021 - Current

*Computer Science (Intended Minors: Cognitive Science)*

*Princeton, NJ*

- GPA: 3.8 | Relevant Coursework – Introduction to Machine Learning\*, Advanced Programming Techniques\*, Elements of Decentralized Finance\*, Linear Algebra with Applications, Algorithms and Data Structures, Reasoning about Computation, Introduction to Programming Systems, Computational Physics Seminar (\*= in progress)

## EXPERIENCE

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### FUSION SYSTEMS GROUP

June 2022 – Aug. 2022

*Software Engineer Intern*

*Tokyo, Japan*

- Implemented application-wide Django/PostgreSQL util formatting methodology to refactor and enable uniform rounding for all tenants.
- Optimized exportpdf functions in React and Django backend/frontend to query data from PostgreSQL database, creating more accessible data for 1,000 restaurant locations spanning multiple countries.

### PRINCETON UNIVERSITY - DEPARTMENT OF PSYCHOLOGY

Oct. 2021 - May 2022

*Research Assistant*

*Plainsboro, NJ*

- Engineered a Firebase-based web app to store fNIRS data research under Ms. Sori Baek and Dr. Lauren Emberson.
- Implemented linear regression model to search or estimate infants' attrition rate with study variables.

### HOAGIE.IO

Sep. 2021 – Current

*Projects Team Developer*

*Princeton, NJ*

- Constructed general UI elements and general features for HoagieMenus, a webapp designed to display daily food menus for the 10 dining halls on campus.

### MBS ACCOUNTING TECHNOLOGY & ADVISORY

June 2021 – Aug. 2021

*Web Development Intern*

*New York, NY*

- Devised an interactive web application with HTML/CSS/JS to optimize and integrate clients' accounting stacks and technologies. Delivered for use by the firm's 150+ clients.

## SKILLS / AWARDS

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**Awards:** Horatio Alger State Scholar, QuestBridge National College Match Finalist & College Prep Scholar, Quarter Zero Cup Semifinalist, USA Computing Olympiad Silver Division, Maiden Voyage Scholar, Class of 2010 Tenth Anniversary Scholar

**Technologies:** HTML/CSS, Java, Python, React.js, Django, PostgreSQL, MongoDB, Firebase, Node.js, Go, Express, Bootstrap 3/4/5, jQuery, Git

**Languages:** English, Mandarin, Spanish

## PROJECTS

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**HOAGIE MAIL** | *React, Go*

January 2022

- Webapp allowing students to send e-mails to entire Princeton undergraduate student body. Service saw more than 700 e-mails sent per month.

**SPONSORED.DAILYPRINCETONIAN.COM** | *HTML/CSS, Flask, React, TypeScript*

Jul 2021

- Platform website designed for largest student newspaper to connect students with recruiters. Webapp updated by the semester to allow for more opportunities.

**SOCIALSCOUT** | *HTML/CSS, Python*

Mar 2020

- Machine learning and recognition web app designed to flag and identify potentially NSFW content on Twitter, semi-finalist for the Quarter Zero Cup Entrepreneurship competition.