

# Christopher Nivera

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## Education

### Brown University

Providence, RI

B.A. IN COMPUTER SCIENCE WITH A FOCUS ON SOFTWARE ENGINEERING AND DESIGN

Sep. 2017 - May 2021 (Expected)

- GPA: 3.87 / 4.0
- Relevant Coursework: Software Engineering, UI/UX, Data Structures and Algorithms, Machine Learning, Deep Learning (current), Computer Systems, Statistical Inference

## Work Experience

### Medinas Health

Berkeley, CA

SOFTWARE ENGINEERING INTERN

Jun. 2020 - Aug. 2020

- Built a platform that detects and extracts product information from a set of photos using the Google Vision API, shortening task duration by 40% and allowing Medinas researchers to more accurately classify incoming medical equipment
- Developed the platform starting from initial brainstorming and system design to final implementation, utilizing React, Java, Spring, and MongoDB
- Worked closely with Medinas researchers and live hospital equipment to test the platform and identify ways to improve user experience

### Brown University

Providence, RI

UNDERGRADUATE TEACHING ASSISTANT

Aug. 2019 - Dec. 2019

- Coordinated with 12 other teaching assistants and Prof. Jeff Huang to oversee CSCI1300 (User Interfaces and User Experience), a class of 270 students
- Overhauled and led weekly labs intended to familiarize students with Figma, Adobe XD, and HTML/CSS
- Redesigned A/B Testing and Iterative Design projects, giving students the opportunity to work through statistical analysis of page activity, eye tracking, user testing, and the full UI/UX design process
- Held weekly office hours to mentor students and assist them in understanding new concepts

## Projects

### Stopwatch

PERSONAL PROJECT

Jun. 2019 - Aug. 2019

- Created a voice-controlled Discord bot used to help players track usage of spells in the game "League of Legends", allowing for a more streamlined player experience
- Engineered the bot's voice recognition and analysis capability with Google's Dialogflow API and integrated live game/player data using the Riot Games API
- Programmed the bot using Java and JavaScript

### Flex Calendar

CSCI0320 FINAL PROJECT

Jan. 2019 - Apr. 2019

- Established SQL database structures to store user data for a calendar that automatically optimizes a user's schedule and presents the user with times to complete their to-do list
- Collaborated with three other Brown University students over a four-month period, starting from initial idea brainstorming to final product development

## Skills and Interests

**Coding:** Java, HTML, CSS, React, JavaScript

**Software:** Adobe XD, Figma, InVision, Balsamiq

**Interests:** Creating music, playing video games, experimenting with new cooking recipes during quarantine!