

Jeremy Tan

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EDUCATION

University of California, Santa Cruz

Santa Cruz, CA

Bachelor of Science

September 2017 - Present

Major: Computer Science and Economics

Honors: Dean's Honor

Relevant Studies

Faculty Research Colloquium • Data Structures • **Application of Data Structures** • Computer Systems/Assembly Language • **Discrete Math**
Intro to Probability Theory • Game AI • **Linear Algebra** • Natural Language Processing • **Vector Calculus** • Algorithm Analysis

American High School, Class of 2017

Fremont, CA

Awards/Honors

34 ACT and AP Scholar with Distinction

Relevant Studies

AP Computer Science • Macroeconomics • Microeconomics • AP Psychology

PROFESSIONAL EXPERIENCE & LEADERSHIP

ITS Business Analyst

March 2018—Present

University of California, Santa Cruz

Santa Cruz, CA

- Teaching both UCSC students and clients how to utilize ServiceNow modules
- Translate clients' business requirements into different deliverables in the form of workflows and tables
- Organized and implemented 10+ catalog items within the ServiceNow platform for UCSC clients
- Create documentation and training material for ServiceNow releases
- Make reports to assist different UCSC departments and services
- Building test cases to ensure faster integration with newer ServiceNow releases

Instructor

June 2018—August 2018

CodeHobbits

Fremont, CA

- Instruct students to use services such as Scratch and MIT App Inventor to build variety of projects
- Mentored students to build games in JavaScript and C#
- Recommended and implemented material to be added to the courses to encourage more participation and interest
- Engaged students through presentation of material and introduced basic principles of Computer Science

Vice President of Autism Speaks Club

August 2016—June 2017

Autism Speaks

Fremont, CA

- Developed and executed projects to raise funds and spread awareness for Autism Spectrum Disorder in local high school
- Attended various events such as The Autism Speaks Walk and Free Health and Awareness Fairs as representatives of the organization

PROJECTS

Project Todd

July 2018—Present

github.com/jeremytan/todd

- Facebook Messenger chatbot implemented with Python to make the user smile through jokes, memes, and various other addons
- Implemented using Python/Flask, PRAW, and TensorFlow with training data from Reddit comments
- Work in progress

QA Bot

January 2019—March 2019

- Trained a question and answer system bot to analyze questions asked and identify an appropriate answer from stories
- Implemented using tokenization, pos tagging, chunking, chunking, parsing, NER, and the Stanford Core NLP API
- Competing against 13 other teams, my partner and I had the highest F-measure of 63.3%

Coordinate Tagging for Extras

September 2016—February 2017

- Forum website to identify extras in music video to give them credit for their appearance in artist's work
- Utilized JavaScript, PHP, and MySQL to store coordinates of extra and time he/she appears and display as the video loads

CAMPUS INVOLVEMENT

Marketing Director

August 2018—July 2019

UCSC Slug Gaming

University of California, Santa Cruz

- Organized and implemented five events based on personal experience as an active member to engage members and raise funds for the club
- Determine potential investors and reach out to them for potential sponsorships for future events
- Record and analyze engagement in events for future planning
- 90+ people turnout in major events with 10+ sponsors

TECHNICAL COMPETENCIES

- Microsoft Office: Word, Excel, PowerPoint
- Tools: XCode, Unity, Sublime Text, Atom, Git, Sketch, Eclipse
- Programming Languages: Java, C, C#, Python, Swift, PHP, MySQL
- Web Dev: HTML, CSS, WordPress, JavaScript