

James Ho Tran

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Education

University of Colorado Boulder Class of 2024

Major: Creative Technology and Design

- Cumulative GPA: 4.0

Niwot High School Class of 2020

International Baccalaureate Program Graduate

- Cumulative unweighted GPA: 4.0
- Cumulative weighted GPA: 4.481

Skills

- Programming (C++, JavaScript, Java, Python, HTML)
- Design with Figma / Adobe XD
- Curriculum Development and Teaching
- QA testing
- Leadership / Collaboration
- Time Management

Work Experience

Amazon: Amazon Future Engineer Intern (2021)

- Purpose: worked at Amazon Braket to create a quantum tomography service
- \$10,000 for each of the four years in college

Anark: Quality Assurance Software Engineer Intern (2019-2021)

- Purpose: maintained Anark's web application for companies to share manufacturing content
- Created and automated test cases to ensure quality user interface and user experience

St. Vrain Valley School District (SVVSD) Innovation Center: Student Designer

Robotics Student Leadership Team (2016 - 2020)

- Purpose: outreach program to integrate technology into education
- Helped run VEX and VEX IQ robotics tournaments/mentored VEX IQ teams at Timberline PK-8

Co-Leader of the STEM Curriculum Development Team (2018 - 2019)

- Purpose: to integrate technology into education by developing and teaching STEM based curriculum
- Developed classes for SVVSD Community Schools, Girl Scouts, and QuestBotics

Sphero Team (2017 - 2018)

- Purpose: to integrate Spheros into elementary school education
- Head designer for a Sphero event at Timberline (programming, driving, and engineering with Spheros)

Extracurriculars

Blueprint Boulder (2020 - present)

- *Go Girl! Web App for Girl's Inc. Metro Denver*: Designed the UI/UX for a gamified online platform to remotely inspire girls to be strong, smart, and bold during the pandemic

Knitting Club Co-Leader (2016 - 2020)

- Created dishcloth knitting kits for kids in Mwebaza so they could sell them and support themselves
- Took part in preparing/crocheting mats made of plastic bags for the homeless

Achievements

- Amazon Future Engineers Scholarship (2020-present)
- CU Boulder Virginia T. Schuman Scholarship (2021-present)
- CU Boulder Esteemed Scholars Award: President James H Baker Scholarship (2020-present)
- CU BOLD Engagement Scholarship (2020-present)
- Kathy Hall Future Impact Scholarship (2020)
- Nancy L Nixon Memorial Scholarship (2020)

Volunteering

- Interact Club Vice President: *Raised money for Mwebaza Foundation and End Polio Now (2018 - 2020)*
- Colorado COVID Food Relief: *Food drive for those impacted by the pandemic and in need (2020)*