

Education

Swarthmore College Candidate for Bachelor's Degree in Cognitive & Computer Science - GPA: 3.63/4 Class of 2020

Relevant Courses:

Data Structures & Algorithms, Computer Vision, Software Engineering, Algorithms, Probabilities, Computer Systems, Artificial Intelligence, Bioinformatics, Natural Language Processing, Mobile Robotics

Projects

[Lotus Journal](#), Placed **Top 10 HackMIT 18** out of 1200+ hackers & 400+ teams September 2018

Won Best use of Azure (**Microsoft**), Most Interesting Use Of NLP (**Quora**)

- AI powered and generated timeline of your life with contextual prompt generation (*Visual Question Generation*)
- Implemented the full stack architecture (ReactJS, Node, Express)

[Tricycle](#), Placed **Top 3 SwatTank (Innovation & Business Competition)** January - May 2018

- Trash sorting system that classifies via computer vision & deep learning
- Implemented custom image recognition model with InceptionResNetv2 & object detection model based on Mask

RCNN

- Developed and launched prototype on campus: takes picture of trash, makes prediction and receives feedback

[Fake Bananas](#), Placed **Top 10 HackMIT 17** out of 1200+ hackers & 400+ teams September 2017

Won Best AI/Hack for Social Good (**Baidu**), Most Interesting Use Of Data (**Hudson River Trading**)

- Fake news detector web app based on stance detection, NLP & Deep learning.
- Implemented the front-end web app in ReactJS and the backend server in Flask

[Campfire](#), iOS app on App Store

October 2016

- Personalized social map iOS app written in Swift with real-time event information and geo-location sharing features.
- Developed and launched a web app counterpart for events on our college campus in AngularJS..

SnapLink, Best Overall at Hack-the-Trico

March 2017

- Smart camera app that utilizes OCR, regex, and hypermedia parsing to recognize various forms of media within images.

Experience

Software Engineering Intern - Salesforce, San Francisco, CA

May 2018 - Aug 2018

- Developed and implemented the redesign of the Object Home in the main iOS Salesforce app
- Reduced technical debt across the mobile codebase by implementing SwiftLint and fixing code violations

Software Engineering Intern - Assurient, Philadelphia, PA

May 2017 - Aug 2017

■ Implemented Random Forest and SVMs & a simple LSTM model to conduct anomaly and novelty detection in biometric time-series data from a wearable

- Developed a web app dashboard interface in ReactJS for health professionals to monitor the status of patients.

Operations Intern - MagicBus, San Francisco, CA

Jun 2015 - Sept 2015, Jun 2016 - Aug 2016

MagicBus is an early-stage transportation tech startup (Y Combinator W16) providing smarter commuting services

- Analyzed real-time traffic data to optimize & dispatch 30% of all daily transit routes to drivers through a Rails API
- Handled various operation tasks such as processing sales and payments, coordinating marketing campaigns, and providing customer support

Leadership Experience

Co-founder & Co-president, LaunchDeck, Swarthmore College

Jan 2017 - Present

LaunchDeck is a development & entrepreneurship student organization of 160 members (college of 1600 students).

- Lead the planning of instructional technical workshops (Web Dev, Machine Learning, Mobile Development), guest speaker events, and hackathons.
- Provide small project seed funding & advise student projects.

Chair of Student Outreach, Swarthmore Student Government Organization Executive Board

May 2017 - Present

- In charge of coordinating student forums for discourse.
- Redesigned the [SGO website](#).
- In charge of the Student Outreach Committee

Skills & Interests

Programming Languages: ReactJS, React Native, Swift, Javascript, HTML, CSS, Python, C++, Dart/Flutter

Interests/Extracurriculars: Rock Climbing, Art, Outsiders Club (Present), Men's Club Volleyball (Present)