Alex Wilf

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EDUCATION

THE UNIVERSITY OF MICHIGAN
BS, Computer Science
Grad Winter 2019 | Ann Arbor, MI
GPA: 3.9/4.0
Phi Beta Kappa

THE NATIONAL OUTDOOR LEADERSHIP SCHOOL
Grad. April 2015 | Nelson, New Zealand

COURSEWORK

Discrete Mathematics: A
Linear Algebra: A+
Artificial Intelligence: A
Genetic Algorithms: A
Machine Learning: A
Probability: A

SKILLS, INTERESTS

• Languages (proficient): Python, C++, Javascript, Go
• Libraries and tools: Tensorflow, PyTorch, NumPy, Git
• Speaks fluent Spanish
• Has cooked professionally in a James Beard Award winning restaurant, as well as Michelin 1 star and 2 star restaurants
• Enjoys hiking, meditating, and singing
• GRE Score: 339 (6.0 writing)
• SAT Score: 2380

AWARDS

2019: The Hugh G. Rumler Prize
2018: Eta Kappa Nu; EECS Scholar; James B. Angell Scholar; Dewey, Ramsey, Llangollen Scholarships for dedication, spirit, and leadership in the Men's Glee Club
2017: Barger Leadership Institute Capstone Award; James B. Angell Scholar
2016: University Honors; Grand Prize at EECS 183 Showcase
2013: National Merit Commended Scholar; National Honor Society

EXPERIENCE

CHAI LAB | Research Assistant
January 2020 – Present | Ann Arbor, MI
- Researching deep learning methods for deployable automatic speech emotion recognition with Professor Emily Mower Provost.
- Collaborating with Carnegie Mellon's MultiComp Lab to investigate fine-tuned conditional computing methods in fully connected and convolutional layers.
- Designed a novel task and approach for noise robust speech emotion recognition, showed significant improvements over baseline.

UBER | Software Engineering Intern
May 2018 – August 2018 | San Francisco, CA
- Completed full stack project building search into Uber for Business dashboard and supporting database infrastructure.
- Organized and led conversations with three different teams to design an efficient data storage and retrieval solution.
- Implemented back end functionality using Go, front end functionality using React, Redux, Node/Javascript.

UNIVERSITY OF MICHIGAN MEN'S GLEE CLUB | President
May 2018 – May 2019 | Ann Arbor, MI
- Managed $500,000 budget, 12 person executive team, 95 person glee club and alumni relations with 2,500 alumni.
- Raised over $100,000 for international tour; increased profits from concerts; digitized Glee Club recordings; created alumni database and web store with new merchandise.
- Increased community outreach by raising over 36,000 meals for charity and performing for inmates and hospital patients.

INVARIENT | Team Lead
May 2017 – January 2018 | Ann Arbor, MI
- Received a $10,000 grant to develop a new system for information storage and visualization into a webapp.
- Coded product using MEAN stack.
- Managed a team of five throughout MVP development, four rounds of testing, and iteration.

PAST EXPERIENCE

- Instructional Aide for EECS 492: Artificial Intelligence - Fall 2019
- Line Cook at Zuni Cafe, San Francisco - Summer 2016
- Journalist at Independent Herald, Wellington, New Zealand - Summer 2015
- Mathematics Teacher at Liceo Academico de Boruca, Costa Rica - Fall 2014
- Intern at U.S. Senator Richard Blumenthal's Office - Summer 2013
- Branch Manager at Chris Murphy for U.S. Senate Campaign - 2012