

Ethan Mines

<https://www.linkedin.com/in/ethan-mines>

<https://github.com/elmines>

Education

Bachelor of Science in Computer Science, The University of Alabama, Tuscaloosa, AL

May 2020

Minors: Randall Research Scholars, Spanish

Honors College

Cumulative GPA: 4.0/4.0

Technical Skills

Languages

Python, Java, JavaScript, C, C++, SQL, HTML & CSS, FORTRAN

Certificates

Deep Learning Explained (Microsoft), Reinforcement Learning Explained (Microsoft),
Java SE 8 Certified Professional

Software and Frameworks

TensorFlow, Node.js, React Native, Cognitive Toolkit (CNTK),
Open Sound Control, Jupyter Notebooks, Wordpress

Work Experience

- Research Assistant, The University of Alabama August 2017 – Present
 - Apply machine learning and artificial intelligence to problems in human-computer interaction, natural language processing, and other fields
- Research Assistant, University of North Carolina at Charlotte May – July 2018
 - Train and evaluate chatbots using TensorFlow

Research

- BrainButler – Use brain-computer interfaces and A.I. to improve smartphone usability August 2018 – Present
- EmotChatbot – Program chatbot to generate more emotional dialogue May – July 2018
- Vocabulary Tuning – Optimize vocabulary size for neural machine translation August 2017 – May 2018

Hackathons

- VandyHacks IV – Train CNTK machine learning model for pinpointing areas of high crime November 2017
- Magic City Hacks – Develop Node.js app for parsing Rate My Professors website August 2017
- VandyHacks III – Write chronograph Android app for timing multiples runners, swimmers, etc. November 2016

Community Involvement

- Randall Research Scholars Mentor August 2018 – Present
 - Aid freshman RRS student in transitioning to college life
- Secretary of the Association for Computing Machinery (ACM) December 2017 – Present
 - Write all club communications and canvass for guest speakers
- Website Administrator, Mosley High School August 2014 – July 2018
 - Consult with school and website staff on continual website improvements

Study Abroad Experience

- UA in Spain—Month-long immersion in the Spanish language May – June 2017

Awards and Distinctions

- Upsilon Pi Upsilon – Computer Science Honor Society May 2018
- Randall Research Scholars Outstanding Sophomore Award May 2018