

KATHERINE JOUETT

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EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN

EXPECTED GRADUATION: MAY 2022

Bachelor of Science- Computer Science, Turing Honors

COURSES TAKEN: iOS Mobile Computing, Honors: Data Structures, Discrete Math, Computer Architecture, Operating Systems, Artificial Intelligence

COURSES TAKING: Information Retrieval and Web Search

EXPERIENCE

UT AUSTIN, RESEARCH ASSISTANT

SUMMER 2020, AUSTIN, TX

- Worked at the intersection of NLP and reinforcement learning using Pytorch library
- Trained convolutional neural networks and created saliency maps for validation data

SPARKCOGNITION, INTERN

WINTER 2020, AUSTIN, TX

- Worked with QA and software development team
- Performed functional, ad-hoc, performance, and usability testing on NLP product

PROJECTS

Quick Draw

- iOS application game, similar to Pictionary
- Used Core Data, Core Graphics, PencilKit, UIKit, and AVFoundation frameworks

ARM Emulator

- Interpreted a subset of instructions in both C and Verilog
- Processed 100 million instructions in less than 5 seconds

WebCrawler

- Crawled through a large set of web pages to build index
- Built a parser that supported basic, negative, and phrase queries

SKILLS AND AWARDS

- Proficiency in: Java, Python
- Experience in: C++, Swift, Javascript, HTML, CSS, Verilog, Assembly, Git, Linux
- Interests: crosswords and logic puzzles, crochet, embroidery
- Greater Texas Foundation Scholarship
- University of Texas College of Natural Sciences Scholarship
- National Center for Women & Information Technology for Aspirations in Computing

ACTIVITIES

- Turing Scholar Student Association, member
- Coding in the Classroom outreach, mentor
- Elements of Web Programming, TA
- Women in Computer Science, member
- First Bytes/Code Longhorn, Program Assistant