Lexington Whalen

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EDUCATION

University of South Carolina | Columbia, SC   ***Bachelor of Science in Computer Science*** | 2024
GPA: 4.0/4.0   University of South Carolina Honors College
1801 Scholar   President's List, All Semesters

RELATED EXPERIENCE

Human Activity Recognition (HAR) | July 2022 - Present
- Program mobile and wearable device using Kotlin / Android Studio
- Organize a team of developers, assign tasks and manage meetings
- Program Django REST API and React front end

mobile Lifestyle Intervention with Food and Exercise (mLIFE) | Oct. 2021 – Present
- Developed model using the Django framework
- Use of various APIs to allow multiple device types to connect to site
- Use of PHP and SQL for querying large databases
- Hired by university for continuing development of site

The Wordification Project | Apr. 2021 - Present
- Manage the central server for the project, ensuring compatibility between the client and the server
- Design Django backend and React Frontend
- Assist in management of project, assigning tasks to members

The Language Conflict Project | Apr. 2021 - Present
- Design ways of measuring linguistic similarities, such as via Levenshtein Distance
- Implement efficient means of automating calculations of linguistic similarity
- Assist in development of project, designing new techniques for analysis

GRANTS / PUBLICATIONS

- *The Wordification Project:*
  - Magellan Scholar Scholarship 2022 ($3500)
- *The Language Conflict Project:*
  - South Carolina Honors College Grant 2022 ($2500)
  - Publication in University of Liverpool's May 2022 Tutu Conference
  - Publication in Linguistic Society of America Program Committee 2023 Denver Conference
- *SAG AFTRA's Dales Scholarship*
  - Winner of 2020 ($3000), 2021 ($3500), and 2022 ($4500) Dales Scholarships

EXTRA-CURRICULAR ACTIVITIES

- *Association for Computing Machinery | Jan. 2021 - Present*
  - Webmaster of ACM from Jan. 2021 - Aug. 2022. Managed website and Code-A-Thons.
  - Give talks from Jan. 2021 - Present. Typically on web development or systems coding.
- *Japanese | Jan. 2021 - Present*
  - Secretary of Japanese Culture Association. Organize meetings and events.
  - President of the Japanese Language Table. Organize meetings and events.

OTHER SKILLS:

Japanese (Business Proficiency) | C/C++ | Ruby/Rails | Java | Javascript / jQuery | Professional Video Editing