Up-to-date as of july/20/2023

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| Kan Kawabata | horizontal line  **website: kankawabata.com email: kkawabat@asu.com**  **phone: 602-615-8213**  **location: Tempe, AZ**  **linkedin: linkedin.com/in/kan-kawabata-8b4106a2/**  **github: github.com/kkawabat** |
| **Skills** | horizontal line  Proficient in Python and Matlab.   * 10+ years using Python as researcher and software engineer * 6 years of experience using Matlab for signal processing assignments as researcher.   Proficient in python’s data science libraries   * Pandas * Numpy * Matplotlib * Scipy   Familiar with DevOps and CI/CD tools   * Docker * Git Version Control * Github CI/CD |
| **Experience** | horizontal line Aural Analytics / Speech Algorithm DeveloperMarch 2019 - PRESENT, Arizona Software engineer / data scientist / algorithm developer   * Assisted the CTO in migration of academic research algorithm to production level code * Collaborated with devOps engineers to setup ci/cd for company’s software products. * Oversaw data processing and generation for our analytics team needs. * Built internal tools to help with productivity  ASU College of Health Solutions / Graduate Research AssociateMay 2015 – April 2019, Arizona Research assistant to Dr. Visar Berisha at Department of Speech and Hearing.   * Prosessed and analyzed public records of supreme court transcritps to research linguistic accomodation of supreme court justices * Created sentiment analysis tools to analyze the mood of subjects. Both with textual medium as well as video analysis.  ASU Ira A. Fulton’s Schools of Engineering / Graduate Research AssistantNov 2013 - May 2017, Arizona Researcher for multi-static channel modeling project. Lead programmer for channel modeling simulation for bi-static, multiuser, air-ground-air wireless communication. ASU Ira A. Fulton’s Schools of Engineering / Engineering TutorNov 2013 - May 2015, Arizona Tutored engineering students in engineering cariculums including, calculus, differential eqs., physics, circuits, systems & signals, object oriented programing |
| **Publications** | horizontal line  Kawabata, K., Berisha, V., Scaglione, A., & LaCross, A. (2016). A Convex Model for Linguistic Influence in Group Conversations. In *INTERSPEECH* (pp. 1442-1446).  Stegmann, G., Hahn, S., Liss, J., Shefner, J., Ruktove, S., Kawabata, K., Bhandari, S., Shelton, K., Duncan, C., Berisha, V. (Under review). The Repeatability of Commonly Used Speech and Language Features for Clinical Applications. *Digital Biomarkers*. |
| **Accomplishments** | horizontal line**Co-inventor for patent** TRACKING ARTICULATORY AND PROSODIC DEVELOPMENT IN CHILDRENUSPTO Application Number 62/906868**Winter Code Jam 6 Champion** / Python Discordhttps://github.com/python-discord/code-jam-6/tree/master/tactless-tricksters<https://www.youtube.com/watch?v=8fbZsGrqBzo> Mar 2019, Arizona**Dean’s Fellowship** / Ira A. Fulton Schools of EngineeringMay 2016 – Aug 2017, Arizona **Region High Honors scholar /** Arizona State University  Aug 2011- May 2015  **Arizona State University Dean’s List /** Arizona State University  Aug 2011- May 2015 **Micro Air Vehicle Club** / Arizona State UniversitySept 2015 – Jan 2017, Arizona **Secretarial Position** / Dec 2015 - Jan 2017  In charge of sending news letter weekly to club member updating on club events. Tasked with weekly attendence tracking and other miscellanous tasks.  **Head of computer systems group** / Dec 2015 - Jan 2017  In charge of weekly activities for the computer systems group in Micro Air Vehicle club. Planned and developed testing simulations for micro air vehicle flight logic for MAV student challenge . |
| **Education** | horizontal line Arizona State University / M.S.E. in Electrical EngineeringAug 2015 - May 2018, Arizona Cumulative GPA 3.75Arizona State University / B.S. in Electrical EngineeringAug 2011 - May 2015, Arizona Cumulative GPA 3.66 |