Junhan (Judy) Kong

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EDUCATION

Carnegie Mellon University
Pittsburgh, PA (May 2019)
 • Current GPA 3.69/4.0
 • Dean's List: F15, S17, F17, S18
Bachelor of Science in
  Computer Science
Additional Major in
  Human-Computer Interaction
Minor in Machine Learning
Minor in Statistics

SKILLS

Software Development
Proficient in Python, C++, C
Experience with Java, C#, F#,
  HTML, JavaScript
Experience with Git
Data Science & ML
Proficient in R
Experience with SQL, TensorFlow,
  Hadoop, Spark

COURSEWORKS

Computer Science
15-213 Introduction to
  Computer Systems
15-418 Parallel Computer
  Architecture and Programming
15-451 Algo Design & Analysis
05-391 Designing Human-
  Centered Software
05-410 User-Centered Research
  and Evaluation
05-430 Programmable User
  Interfaces
**Statistics and
Machine Learning**
10-701 Introduction to
  Machine Learning (PhD)
10-605 Machine Learning for
  Large Datasets
36-462 Data Mining

WORK EXPERIENCE

Software Engineering Intern | Google, *May-Aug 2018*
 • Designed and implemented a benchmark automation platform that continuously runs microbenchmarks in full isolation, collects results, visualizes performance trend over time and detects regression.
Software Engineering Intern | Jet.com, *Jun-Aug 2017*
 • Designed and implemented an automatic machine learning analytics pipeline to gather information from customer service calls and emails;
 • Used ML and NLP tools to perform speech recognition, text mining, then auto-generate analytics data and store in SQL database.
Teaching Assistant | CMU SCS
15-122 Principles of Imperative Computation, *Aug 2016-Current*
05-391 Designing Human-Centered Software, *Aug 2017-Current*
 • Taught recitations for class of 150+, led labs for class of 80+.

RESEARCH EXPERIENCE

Research Assistant | CMU HCII, *Aug 2017-Current*
 • Worked on StateLens project to make dynamic touchscreens accessible to visually impaired users (in submission to Ubicomp 2019)
 • Implemented CV state diagram; prototyped assistive fingercap; ran technical evaluations & user studies; participated in paper writing.

PROJECTS

TartanHacks 2017 (Final showcase, Best Educational App):
Project Scene, *Feb 2017*
 • Designed to better inform people about world around them;
 • AR mobile app implemented using Unity, Vuforia SDK and C#.
TartanHacks 2016 (Final showcase, Social Impact Prize):
Project StrongVoices, *Feb 2016*
 • Designed to help students with communication barriers to practice language speaking; implemented with HTML, JavaScript and MongoDB.
HackPrinceton 2016 (Final showcase):
Project SafeWalk, *Apr 2016*
 • Designed for parents to keep track of kids' safety on the way home;
 • Android mobile app using Google Maps API and JSON.

ACTIVITIES

BHCI Student Advisory Committee, *Sep 2018-Current*
  Provide feedback on undergrad HCI program; collaboratively designed and launched BHCI seminar course (05-300, Spring 2019).
Undergraduate Student Senate, *Sep 2015-May 2016*
  Member of Academic Affairs, organized Student-Faculty Lunch.