

BENJAMIN SUI

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EDUCATION

BOSTON UNIVERSITY (2017 – PRESENT) • BOSTON, MA

Major: Computer Science, Class of 2021

GPA: 3.76 (Dean's List)

CS Courses Include: Data Structures, Discrete Math, Linear Algebra, Fundamentals of Computing Systems, Concepts of Programming Languages, Probability in Computing

EXPERIENCE

SUMMER TECHNOLOGY ANALYST • ACCENTURE LLP • RALEIGH, NC • 6/3/2019 – 8/9/2019

Design, develop, and implement Conversational AI using IBM Watson and Microsoft SQL Management Studio to deploy virtual assistant/chatbot. Experience with SQL, HTML, CSS, and Amazon Workspaces, familiarity with Amazon Web Services. Worked with client business team to understand status of system configuration and design of the virtual assistant. Required ability to communicate effectively, work in a team, and analyze information from detailed documentation and subject matter experts.

INFORMATION TECHNOLOGY CONSULTANT • BOSTON UNIVERSITY COLLEGE OF ENGINEERING • 9/2017 – PRESENT

Manage and fix hardware/software issues for faculty and students during school year, communicate with clients through tickets (Service Now) and over the phone to schedule appointments, developed problem solving and customer service ability.

DATA RESEARCH ANALYST INTERN • UC IRVINE DAI LAB • 6/1/2018 – 8/28/2018

Used R (Seurat package) to filter and analyze big data from single cell sequencing/analysis, created visual and statistical figures that effectively represented the data in hopes to discover cell-type specific gene expression differences between wildtype and knockout mice.

PROJECTS

CALCULATOR (2017)

Used Java (JFrame) to create a pop-up window calculator, performed basic calculations (+, -, x, ÷)

SINGLE-CELL ANALYSIS (2018)

Used R to analyze big data and generate figures for stem-cell research, used random forests to classify cell types, will be co-author for pending Nature-series journal publication

BU BUS CHATBOT (2018)

Co-founded chatbot project that allows easy access to Boston University's live bus schedule through text and Facebook messenger. Used Python, REST API design, Dialogflow, and Heroku CLI to pull data from a live JSON file based on user request.

EXTRACURRICULAR ACTIVITIES

BU TREBLEMAKERS ACAPELLA • 2017 – PRESENT

Member of Boston University's collegiate acapella group

SKILLS

CODING LANGUAGES: Java, Python, SQL, R, HTML, Haskell, Introductory C

OTHER SKILLS: IBM Watson, Google Dialogflow, Agile Methodology (Scrum Certified), JIRA, Information Technology, Data Analysis, Artificial Intelligence, Heroku CLI, GitHub, Amazon Workspaces, Service Now, Microsoft Office

LANGUAGES: English, Chinese, Spanish

HOBBIES: Tennis (University High School Varsity), Singing, A Capella, Cello (competition and orchestra)