

BENJAMIN SUI

BSUI@BU.EDU | (949) 236-6006 | 4 BARTOK COURT, IRVINE, CA 92617 | bensui@github.io

EDUCATION

BOSTON UNIVERSITY (2017 – 2021) • BOSTON, MA

Major: *Bachelor of Arts, Computer Science*

GPA: 3.77, *Magna Cum Laude*, Dean's List 2017-2021

CS Courses Include: Data Structures, Discrete Math, Linear Algebra, Fundamentals of Computing Systems, Probability in Computing, A.I., Databases & Data Mining, Algorithms, Machine Learning, Networks and Markets, Data Science

EXPERIENCE

ADVANCED APPLICATION ENGINEERING ANALYST • ACCENTURE LLP • SAN FRANCISCO, CA • 8/23/2021 – PRESENT

- Completed end-to-end configuration, testing, and deployment of over 9 defect resolutions and government regulatory transitions in SAP S/4 HANA and Self-Service Accelerator for Utilities for an energy infrastructure client with more than \$10 billion in annual revenue.
- Ensured data consistency, performed data reconciliation, and gathered test data from over 5 million customer accounts using Excel macros (VBA), SAP SQVI, and Toad queries.
- Collaborated with stakeholders and offshore teams daily in an agile format to ensure punctual delivery of time-sensitive user stories.

SUMMER TECHNOLOGY ANALYST • ACCENTURE LLP

Boston, MA • 6/16/2020 – 8/14/2020

- Designed, programmed, and tested nine code change requests and defect resolutions for automated public assistance and welfare system serving over 58 counties with 30+ million collective residents.
- Utilized Java and other cloud/web technologies like Spring, Toad, JIRA, and Bitbucket.

Raleigh, NC • 6/3/2019 – 8/9/2019

- Headed a team of two to design, develop, and deliver a virtual assistant/chatbot prototype from scratch with the intent to assist public welfare caseworkers during a state transition to managed care.
- Implemented a prototype and several iterations using IBM Watson and Microsoft SQL Management Studio, gaining full-stack experience with SQL, HTML, CSS, Amazon Web Services, and Amazon Workspaces.
- Communicated weekly with client business team to understand new or existing requirements for the virtual assistant, requiring the ability to communicate effectively, work in a team, and analyze information from detailed documentation and subject matter experts.
- Went live and deployed the virtual assistant prototype that is currently being used by thousands of caseworkers.

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

- Leveraged R (Seurat package) to filter and analyze big data from single cell sequencing, in order to create visual and statistical figures that revealed cell-type specific gene expression discrepancies within millions of data points between wildtype and knockout mice.
 - Achieved co-authorship on a Cell Reports journal publication by delivering over five visual representations of the data that contributed to the formed discoveries.
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PROJECTS

DEVELOPER/CONTRIBUTOR • A RANDOM ACT (2020)

- Developed a generative/projective graphics system prototype for a Boston University CFA stage play that is able to track and follow an actor's body movements in real time and project a particle system around his/her body.
- Combined an Intel RealSense Depth Camera with NuiTrack SDK joint/user segmentation tracking to render and project the particles using C# scripts in Unity.

CO-FOUNDER • BU BUS CHATBOT (2018)

- Co-founded chatbot project that allows easy access to Boston University's live bus schedule through text and Facebook messenger.
 - Utilized Python, a REST API design, Dialogflow, and Heroku to pull specific data based on user request from a live JSON file provided by Boston University and return it in a user-friendly message.
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SKILLS

TECHNICAL LANGUAGES: Java, Python, SQL, R, HTML, CSS, Introductory C and Haskell

OTHER SKILLS: IBM Watson, SAP HANA, Google Dialogflow, Agile Methodology (Scrum Certified), JIRA, Azure DevOps, Information Technology, Heroku Cloud App Platform, GitHub, Amazon Workspaces, Service Now, Microsoft Excel, OpenCV, Toad, Spring, Unity, NuiTrack

LANGUAGES: English, Chinese (Mandarin)

HOBBIES: A Capella (BU Treblemakers, check us out on [Spotify](#)), Weight Lifting, Fitness, Guitar, Discovering Music, Drawing, Piano, Travel, Tennis, Basketball, Cello, Gaming