

RAIDA KARIM

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EDUCATION

University of Washington (UW), Seattle, WA

Expected Graduation: June 2021

B.S. in Computer Science

GPA: 3.48/4.00

Course Highlights: Natural Language Processing, Machine Learning, Database Management, Artificial Intelligence, Robotics, Entrepreneurship, Computer Science Pedagogy

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, JavaScript, C/C++, R, HTML/CSS

Libraries/Frameworks: Spring, Cozmo SDK, OpenCV, Scikit-Image, Scikit-Learn, RStudio, PyTorch

Tools: Git, Linux/Unix, IntelliJ, Maven, LaTeX, Azure, AWS, Spark, AsterixDB

WORK EXPERIENCE

Undergraduate Researcher, UW Human-Centered Robotics Lab

June 2020 – Present

Seattle, WA

- Develop stress interventions for teenagers in social robots using JavaScript, HTML, CSS
- Conduct pilot and user participatory sessions with real teenagers to test and collect feedback
- Mentor younger students and undergraduate researchers to provide feedback and guidance

Software Engineering Intern, Cisco Systems, Inc.

June – Sept 2020

Seattle, WA

- Automated populating and sending customized welcome emails to global customers of Webex messaging, meeting, and calling services for distinct licenses
- Gained software development experience using Java Spring Boot framework, Git for enterprise collaboration, Mockito and TestNG testing frameworks to develop robust test suites

RELEVANT COURSE PROJECTS

CozmoTA – Robotics Capstone, CSE 481

May – June 2020

- Developed a mini-robot Teaching Assistant (TA) in Cozmo SDK platform in a three-member team
- Implemented navigation, manipulation, and perception abilities in robot for elementary classes

BIO.ME (Startup Prototype) – Entrepreneurship, CSE 490

Jan – Mar 2020

- Prototyped startup with market fit for instant dietary service to Irritable Bowel Syndrome (IBS) patients
- Managed cross-functional team – research, development, design, and marketing/sales

Seattle Gentrification App – Data Visualization, Informatics (INFO) 201

Jan - Mar 2019

- Developed an interactive app to show gentrification effects in Seattle comparing to other cities
- Implemented RStudio packages for data wrangling, interactive visualizations, and user interface

MENTORSHIP, LEADERSHIP & SERVICE

Undergraduate Research Leader, UW Undergraduate Research Program

Sept 2020 – Present

Undergraduate Teaching Assistant, Direct Admit Seminar, Paul G. Allen School

Sept – Dec 2020

Secretary, UW Association for Computing Machinery (ACM)

Sept 2019 – June 2020

Program Lead, Mentor Power for Success Program (MPFS), Seattle, WA

Sept – Dec 2019

Event Organizer, STEM Paths Innovation Network (SPIN) Girls, Seattle, WA

June – July 2018