

Max Bartlett

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EDUCATION

Duke University

Bachelor of Science in Computer Science; Minors in Religion, Arabic

GPA: 3.420 / 4.000

Durham, NC

August 2016 - May 2020

WORK EXPERIENCE

IBM

Back-End Software Developer Intern

- Began integration of LogDNA into the IBM Cloud App Management platform
- Developed bash test scripts and researched APIs to consolidate the two services
- Practiced agile development alongside fellow interns and full-time employees

Durham, NC

May 2019 - August 2019

Duke University

Undergraduate Teaching Assistant

- CS190: Foundations of Data Science (Fall '18) and STA199: Introduction to Data Science (Spring/Fall '19)
- Hold office hours and answer questions to improve student understanding
- Assisted in teaching a two-day R programming workshop for Fuqua MBA students

Durham, NC

August 2018 - Present

Duke University, Department of Computer Science

Undergraduate Research Assistant

- Researched data science pedagogy and collaborated with professors in creating new introductory course
- Built an R shiny app displaying trends in Duke undergraduate student demographic data
- Presented findings to faculty to increase retention in STEM from traditionally underrepresented groups

Durham, NC

May 2018 - June 2018

PROJECTS

Runelite

- Contribute to a free, open source client for Old School Runescape with 60,000+ daily users
- Submit several accepted pull requests containing bug fixes and new features
- Discuss and engage in Java and Maven best practices with lead developers

November 2018 - Present

VOOGASalad

- Developed a 2D RPG game authoring environment and game engine in JavaFX
- Presented live demo to professor, TAs and fellow students

November 2018 - December 2018

Let's Talk About Sex

- Administered a survey of 400+ Duke students regarding their dating habits
- Analyzed and visualized data using R Shiny
- Presented application to professor, TAs, and fellow students

March 2018 - May 2018

LEADERSHIP EXPERIENCE & ACTIVITIES

Duke CommuniTEA

Vice President of Tea Culture Committee

- Named best new Duke student group for Spring '19 by the Office of Student Affairs
- Host regular TeaGather events where students can drink tea and socialize
- Perform Gongfu tea ceremony using traditional tea sets

Durham, NC

January 2019 - Present

Duke University Marching & Pep Band

Treasurer

- Managed band budget, collected dues, and organized social events for 100+ members
- Mentored new band members through their first year at Duke

Durham, NC

August 2017 - May 2018

Other Affiliations: JAM!, Hoof 'n' Horn, PAWS, Close-Knit, Duke University Jazz Ensemble, Project WILD

SKILLS & INTERESTS

Technical Skills: Java, R, C, Python, Lisp, Assembly, Git, UNIX, L^AT_EX

Languages: Arabic (Limited Working Proficiency)

Interests: Veganism, The Middle East, Cooking, Jazz Saxophone, Inline Skating, Yoga