

Anna Munro

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EDUCATION

Duke University, Durham, North Carolina, United States
Bachelor of Arts in Computer Science, 3.836/4.00 GPA

Expected May 2019

Relevant Coursework: Web Application Development, Data Structures and Algorithms, Computer Architecture, Introduction to Databases, Discrete Math, Linear Algebra, Operating Systems

Technical Skills: *Proficient:* Java, JavaScript, Python, R; *Working Knowledge:* C

- Current Member of the Duke University Women's Club Volleyball Team
- Duke University Division I Women's Soccer Team Member 2015, 2016, 2017 (National Championships Runners-Up 2015, Quarterfinalists 2016, ACC regular season champions 2017, NCAA Semi-Finalists 2017)
- Duke Technology Scholar
- Rewriting the Code Fellow

Lisgar Collegiate Institute, Ottawa, Ontario, Canada

2015

- Gifted Program (accepts top 2% of students based on standardized testing)
- *Honours:* Valedictorian (2015), Lisgar Athletic L (2015)

TECHNICAL EXPERIENCE

Software Engineer *Fanatics Inc.*, San Mateo, CA

Summer 2018

- Member of the Platforms Team – Monitoring and Logging Systems
- Created Kafka metrics stream to send application metrics to New Relic to aid engineers in monitoring their applications
- Created New Relic dashboards using queries to visualize metrics
- Created UI using React to show the request response between microservices allowing authorized engineers to more easily find reasons for error
- Created UI using React and dc.js to display metrics and allow for stricter rules to be advertised for data being stored in the logging system

CAPE Website, Duke University

May 2018 - Present

- Created Vue.js website to showcase Duke CAPE Program
- Displayed information on program, instructions for joining and making donations

Web Development Projects, Duke University Web Application Development Class

Spring 2018

- Card Based Project Manager (Trello App)-learned to use Firebase to store JSON and made complete responsive website with Vue.js
- HikeAdvisor-used Vue.js, Bootstrap, Node.js, D3.js, JQuery, HTML/CSS and Firebase to make complete web application that queries and displays data on hikes, and gives authenticated users the ability to plan hiking trips

Databases Project, Team Member *Duke University*

Fall 2017

- Member of four-person team who created project designed to help students pick classes
- Designed a relational database using PostgreSQL and used PHP to connect database with HTML form
- Created a webpage for students' use that draws from SQL database, so they could see suggested classes based off their chosen criteria

Ottawa Hospital, Data Analyst Student *Ottawa, Ontario, Canada*

Summer 2017

- Collected data for hematology research project and used R software to perform univariable and multivariable analysis of data and format results (Manuscript submitted for publishing)
- Studied factors associated with increased mobilization of cells in cord blood associated with more successful engraftment of transplant
- Visited Hematology clinic once a week visiting patients to shadow hematologist
- Awarded the Dr. Goodman-Cohen Summer Student Award for quality of presentation and research report
- Selected to give a ten-minute presentation at Ottawa Blood Disease Centre Trainee Research Symposium 2018

PROFESSIONAL EXPERIENCE

Duke Mathematics Department, Teaching Assistant *Durham, North Carolina*

June 2016

- Lead three-hour calculus lab of thirty students once per week
- Answered questions in mathematics help room weekly for any students completing problems and needing assistance

Duke Soccer School for Girls Camps, *Durham, North Carolina*

June 2016

- Supervised and coached two hundred campers aged 5-12 and trained Duke prospects aged 12-15 alongside a team of adult coaches

VOLUNTEER/LEADERSHIP EXPERIENCE

Duke CAPE Program, *Durham, North Carolina*

2017-Present

- Accepted into Duke University Collegiate Athlete Pre-Medical Experience (CAPE) program
- Program provides participants with a wide variety of clinical experiences that provide exposure to the world of medicine
- Volunteered once a week in the Brain Tumor Clinic at the Duke Hospital, visiting patients
- Met every two weeks with members of CAPE for journal club meetings

Habitat for Humanity East St. Tammany, *Slidell, Louisiana*

May 2015

- Volunteered for a week constructing a house being built for a veteran of the United States Army

ATHLETIC ENDEAVORS

- Travelled to Beijing, China summer 2016 to play against Beijing Normal University for Chinese government to play a part in United States and China peace relations conference held once a year
- Member of the Ontario Provincial Soccer Team from U14-U16 (Competitive soccer player for 10 years)