Naomi Johnson

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EDUCATION

University of Virginia, Charlottesville, Virginia, USA — since Aug 2018

- B.A. in Computer Science, expected May 2020
- B.A. in Japanese, expected May 2020

Brigham Young University, Provo, Utah, USA — until May 2018

- Cumulative GPA: 3.70 / 4.00
- Two years' undergraduate studies, majoring in Computer Science and Japanese
- Coursework: Data Structures, Discrete Structures, Advanced Programming (Android), Calculus 2

RESEARCH EXPERIENCE

Brigham Young University, Computer Science Department

- Applied Machine Learning lab — May 2017 – May 2018
  - Project: "Identifying Moderator Variables from Replications: A Bayesian Approach"
  - Advisor: Dr. Kevin Seppi
  - Focus: Bayesian Statistics, data analysis, and software engineering patterns

- Human-Computer Interaction lab — Nov 2016 – May 2018
  - Project: "Understanding the Role of Video and Data in Labeling Tasks"
  - Supervisors: Dr. Mike Jones, Dr. Kevin Seppi
  - Focus: Event annotation/recognition, machine learning, and user study design

Stanford University, School of Computer Science

- Human-Computer Interaction group — Summer 2017
  - Project: "Juxxt: Enabling novice web designers through the juxtaposition of design patterns"
  - Supervisors: Dr. James Landay, Kesler Tanner (PhD Candidate)
  - Focus: Web development, creation of web design tools, HTML5/CSS3, and design patterns

WORK EXPERIENCE

Microsoft, Redmond, Washington, USA

- Explore Intern, Software Engineering and Program Management, — Summer 2018
  Artificial Intelligence & Research Division
  - Designed, built, and tested dashboard to track errors and progress in AI system that builds the Bing knowledge graph
  - Wrote backend to code to track status of data sources; decreased the number of windows needed to track bugs by 50%

Brigham Young University, Provo, Utah, USA

- Teacher's Assistant, Department of Computer Science, — Aug 2016 – Jan 2017
  CS 142: Introductory Computer Science (arrays, classes, pointers, etc)
  - Instructed lab help sessions to groups of up to 40 students, resulting in 73% of students rating their satisfaction of instructor's technology skills at 100%
  - Tutored students one-on-one, expounding on course material, and teaching debugging skills, resulting in 76% of students rating their satisfaction at 100%

- Teacher's Assistant, Japanese Courses, — Sep 2013 – Apr 2014
  BYU - IS: Japanese Courses (Speaking, listening, reading, writing)
  - Wrote, administered, and graded exams, homework, and quizzes
  - Proofread and provided written comments for a new edition of the Japanese textbook
  - Spearheaded new organizational program to improve training for new teaching assistants

PUBLICATIONS

UNDER REVIEW

Title: "Understanding the Role of Video and Data in Labeling Tasks"
Authors: N. Johnson, M. Jones, K. Seppi, L. Thatcher
Submitted to: UBICOMP 2019, *Proceedings of the ACM on: Interactive, Mobile, Wearable and Ubiquitous Technologies*

AWARDS & SCHOLARSHIPS		
	▪ Anita Borg Institute Grace Hopper Conference Student Scholarship	May 2018
	Awarded plane ticket, conference fee, room & board to attend GHC 2018 in Texas	
	▪ Foreign Language and Area Studies (FLAS) Scholarship	Apr 2018
	Awarded $1,500 to continue with double major program	
	▪ BYU Undergraduate Research Grant	Feb 2018
	Awarded $1,500 grant to pursue CS research	
	▪ Adobe Research Women in Technology Scholarship recipient	Jan 2018
	Awarded $10,000 scholarship for tuition	
	▪ BYU CS Research Conference Scholarship	May 2017
	Awarded $2,000 scholarship to attend ACM's Computer Human Interaction (CHI) research conference	
	▪ BYU Continuing Student Half Tuition Scholarship	Apr 2017
	Awarded $1,365 scholarship for tuition	

CAMPUS ACTIVITIES

Association of Computing Machinery, Brigham Young University

- ▪ President — Dec 2017 – Apr 2018
  - Coordinated with Major League Hacks (MLH) for BYU ACM's first ever 24 hour hackathon
  - Wrote and ratified bylaws for BYU ACM in order to increase club transparency
- ▪ Vice President — Apr 2017 – Dec 2017
  - Responsible for supervising ten officers and a $8,000 semester budget
  - Organized and planned twelve events, including programming competitions, a resume review, and a networking dinner capped at 150 people
- ▪ Networking Officer — Sep 2016 – Apr 2017
  - Raised over $6,000 for the eight events of the semester
  - Planned networking events with as many as 10 companies and over 200 students per event

SKILLS

Java, C++, Python, JavaScript, C#, HTML5/CSS3, ReactJS, LaTeX

HUMAN LANGUAGES

- ▪ English: Native language
- ▪ Japanese: Fluent (speaking, reading, writing)