Elizabeth "Liza" Gak

✆ 651-214-5982
✉ lizagak@berkeley.edu

Education

2020 - Present	**University of California, Berkeley**, *PhD in Information.*
2016 - 2020	**Washington University in St. Louis**, *B.A. with major in Computer Science + Math, minor in American Culture Studies.* GPA: 3.79/4.0
Spring 2019	**Vrije Universiteit Amsterdam**, *Exchange Student with Concentration in Computer Science.*

Research Experience

Summer 2019	**University of Illinois at Urbana-Champaign**, *CRA-WP Distributed Research for Undergraduates Program* . Investigating usage of "finstagram," private-facing Instagram accounts Built and designed web app to act as cultural probe which analyzes the maintenance of "finstagram" Supervised by Karrie Karahalios and Ranjitha Kumar
Fall 2019	**Washington University in St. Louis**, *Undergraduate Researcher* . Led an ethnographic study of online communities of Lyft drivers to synthesize common concerns

Presentations

October 2019	**Poster Presentation at Grace Hopper Celebration**, *Orlando, Florida*, Why Do Instagram Users Create and Maintain Multiple Accounts? .
September 2019	**Oral Presentation at 23rd Annual McNair Heartland Research Conference**, *Kansas City, Missouri*, Creation and Maintenance of Multiple Instagram Accounts .
August 2019	**Poster Presentation at University of Illinois REU Research Symposium**, *Urbana, IL*, Why Do Instagram Users Create and Maintain Multiple Accounts? .

Selected Projects

2019	**Song Popularity Predictor for Spotify** Analyzed dataset with over 19,000 songs to determine musical features that influence streaming popularity with Machine Learning techniques
2018	**Data Analysis Article on Parental Violence and Childhood Outcomes** Analyzed and visualized Fragile Families dataset to explore impact of violence on teenage behavior

Teaching Experience

2019 - 2020	**Washington University Department of Computer Science**, HEAD TEACHING ASSISTANT . CSE240: Logic and Discrete Mathematics

2019 - 2020	**Washington University Learning Center**, Academic Mentor .
	Tutor students individually in Russian, Calculus, and Computer Science

Awards, Honors, Grants

2020	NSF Graduate Research Fellowship Honorable Mention
2019	CRA-WP Grace Hopper Celebration Research Scholar
2019	CRA-WP Distributed Research Experience for Undergraduates Fellow - $7,500
2016 - 2019	Washington University Dean's List - all eligible semesters
2018 - 2020	Ronald E. McNair Post-Baccalaureate Achievement Program Scholar

Relevant Work Experience

May - August 2018	**U.S. Bank**, Software Developer Intern .
	Automated code migration checklist process to reduce processing from 5 hours to 5 seconds
November 2017 - December 2018	**Washington University First Year Center**, Executive Board Member .
	Organize and implement New Student Orientation at Washington University for over 1,800 new students and 3,000 family members

Leadership Experience

2017 - 2020	**Washington University Political Review**, *Programming Director.*
	Execute weekly events such as editing workshops, professional development opportunities, guest speakers, and discussions
2017 - 2018	**Washington University First Year Center**, *Washington University Student Associate.*
	Advised and supported 30 first-year residents throughout their academic and social transition to college
2018	**Washington University Women in Computer Science**, *Professional Committee Member.*

Technical Skills

Programming	Python, Java, R
Web Development	FrontEnd - HTML, CSS, jQuery
	BackEnd - Command Line, Python, Django
Software	MS Word, MS Excel, MS Powerpoint

Languages

English	Fluent
Russian	Fluent
Latin	Reading Proficiency