

# OLGA ANDREEVA



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## EDUCATION

**UNIVERSITY OF WASHINGTON | EXPECTED GRADUATION: JUNE 2020 | COMPUTER SCIENCE**

- Relevant courses:  
Introductory Java I & II, Web Programming, System and Software Tools, Data Structures & Parallelism, Programming Languages, Software Design & Implementation, Introduction to Data Management, Systems Programming
- **Dovie Samuelson Endowed Scholarship | 9/16 - 6/20**  
\$40,000 scholarship for outstanding female scholars studying STEM
- **TUNE House Scholar | 9/16 - 6/18**  
Scholarship housing for female undergraduates pursuing computer science

## WORK EXPERIENCE

**FACEBOOK INTERN | 9/19 - 12/19**

- Front-end on Messenger Real Time team
- Executing UI re-design for audio and video calls using functional components and hooks in React
- Designing and administering experiments for A/B tests to find optimal solutions

**FACEBOOK INTERN | 9/18 - 12/18**

- Full-stack on Feed Integrity: Misinformation team
- Developed and tested a product that helps third party facts checkers debunk fake news
- Improved the usability and created new features for a content analysis tool

**GOOGLE ENGINEERING PRACTICUM INTERN | 6/18 - 9/18**

- Upgraded internal financial tool component from AngularJS (JavaScript) to Angular 2 (TypeScript)
- Drafted, implemented, and tested additional map functionality (tests written using Jasmine)
- Discovered and fixed API key bug

**UW CSE 14X TEACHING ASSISTANT | 9/17 - 3/18**

- Led a section of 20 students through introductory Java concepts once a week
- Assisted students with debugging strategies in lab setting
- Gave thorough feedback on homework

## ACTIVITIES

**"HERSTORY" IN STEM CREATOR | 8/16 - present | <http://herstory.olgarithm.com>**

- Animate videos about inspiring women in STEM whose stories aren't widely known

**MATH YOUTUBE CHANNEL CREATOR | 7/13 - present | <http://math.olgarithm.com>**

- Film videos on challenging math, physics, and chemistry topics to assist struggling peers
- Promote videos to teachers and peers, accumulating 200+ subscribers and 70,000+ views

## PROJECTS

**2018 IN REVIEW | JAVASCRIPT, HTML, CSS | <http://olgarithm.com/2018-in-Review>**

- Overview of my social media presence in 2018

**EMERGENCY DISPATCH | JAVA, JAVASCRIPT, HTML, CSS | <http://olgarithm.com/Emergency-Optimization>**

- Analysis of San Francisco emergency dispatch data with proposed solutions to optimize dispatch times
- Invited to Capitol One's Software Engineering Summit for my work

**BOJACK HORSEMAN ANALYSIS (IN PROGRESS) | JAVA, JAVASCRIPT, HTML, CSS**

- Decomposed character's lines in the show *BoJack Horseman*, with a special emphasis on personality traits

**SERVE | SWIFT | <https://github.com/bamlak1/Serve>**

- Encourages volunteers to engage with community organizations and connect with friends
- Implemented volunteer events map view and UI animation

**HOLY GUACAMOLE! | JAVASCRIPT, HTML, CSS | <http://olgarithm.com/Holy-Guacamole>**

- Takes user's location and shows the places around them that sell guacamole

**TV SHOW TWITTER BOT | JAVASCRIPT, NODE.JS | <https://twitter.com/tvolgawatches>**

- Designed to tweet if one of the TV shows I watch has a new episode

## SKILLS & TALENTS

- Knowledge of: Java, PHP, HTML, CSS, JavaScript, and Swift | Exposure to: SQL, Python, Racket, and Haskell
- Adobe Photoshop, After Effects, Premiere Pro, Illustrator
- Fluent: English and Russian | Conversational: Spanish