

# Cherie Ruan

cruan@cs.washington.edu | (425) 210 – 1688

www.cherieruan.com

www.linkedin.com/in/cherieruan

---

## EDUCATION

---

**University of Washington** Seattle, WA

**Graduation: June 2019**

- **Degrees:** B.Sci. in Computer Science, B.Sci. in Informatics
- **GPA:** 3.8/4.0 Dean's List: 9 quarters
- **Coursework:** Data Structures and Parallelism, Introduction to Relational Databases, Android Mobile Development, Distributed Systems, Operating Systems, Client-Side Web Development, Design Thinking

---

## SUMMARY OF QUALIFICATIONS

---

- **Technical:** Java, C/C++, JavaScript (React, jQuery), Ruby, SQL, HTML, CSS, Bash, Latex, Web APIs
- **Design:** InVision, Proto.io, Illustrator, Balsamiq, Rapid Prototyping, Usability Testing, Persona Creation
- **Leadership:** Project/Program Management, CSE Teaching Assistant, Intern Event Coordinator

---

## RELATED EXPERIENCE

---

**The Boeing Company**

**June 2017 – Sept 2017**

**Information Security Intern**

- Redesigned and implemented internal tool using C#/SQL to reduce runtime from 25 hours to 1 hour.
- Developed a Web UI and SQL Database to replace manual Excel spreadsheet, used daily by IS team.
- Won Intern Case Competition by implementing automated Cloud Computing reports using Bash scripts.
- Engaged in all phases of development process, including user interviews, design, and implementation.

**Paul G. Allen School of Computer Science & Engineering**

**Dec 2017 – Present**

**Teaching Assistant Coordinator**

- Interview and hire new teaching assistants for introductory programming courses.
- Plan and lead weekly training for new teaching assistants, and mold them into effective teachers.
- Lead weekly community meetings with all teaching assistants and professors.
- Administer teaching assistant evaluations each quarter.

**Asset Liability Management Analytics Advisory Company**

**June 2016 – Sept 2016**

**Application Development Intern**

*ALMAAC is a financial technology startup focused on predicting interest rate risk for banks*

- Designed and developed company website using HTML/CSS and JavaScript that attracted new clients.
- Implemented custom application login page with Microsoft Visual Studio, ASP.NET framework, and C#.
- Collaborated with company executives to manage development plan and product expectations.

---

## CLASS PROJECTS

---

**Android Development: Dawg Debauchery**

**Autumn 2017**

*Dawg Debauchery is an Android application that connects UW students to nearby social events.*

- Designed and developed a Tinder-based guest approval system for hosts of private events, with Android SDK and Firebase.
- Implemented a customized map that displays events per proximity to user, using Google Maps API.

**Distributed Systems: Paxos**

**Spring 2018**

- Implemented Paxos, a consensus algorithm for a network of unreliable processors, in Java.
- Managed an extensive code repository using GitLab.