

CORA CHAN

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EDUCATION

May 2021 **Bachelor of Science in Computer Science**, Purdue University
West Lafayette, IN

- Concentration in Software Engineering
- Minor in Business Economics
- GPA: 3.63

SKILLS

- **Languages:** Java, C, PHP, Python, ReactJS, MySQL, Ruby
- **Tools:** GitHub, Subversion, Microsoft IIS, JUnit

EXPERIENCE

May 2020 – Aug 2020 **Software Development Engineer Intern**, Amazon
Seattle, WA (Remote)

- Upgraded customer visibility of resource limits by integrating AWS CloudFormation StackSets with AWS Service Quotas
- Extended support for automated customer limit overrides by migrating data from AWS DynamoDB to dynamic configuration files
- Implemented a comprehensive test plan using JUnit to maintain quality of production code

Jan 2019 – May 2020 **Software Engineer Intern**, Hewlett Packard Enterprise
Houston, TX (Remote)

- Managed end-to-end deployment of website updates to production for 250,000 internal and external users
- Reduced deployment time 85% by automating manual processes using PHP and Python
- Supervised version control migration from Subversion to GitHub and coordinated team training sessions
- Maintained detailed documentation of operations procedures, deployment workflow, and project design decisions

Aug 2019 – May 2020 **CS250 Undergraduate Teaching Assistant**, Purdue University
West Lafayette, IN

- Reinforced Computer Architecture lecture material in weekly laboratory sessions
- Assisted classes of 30 students with designing circuits and debugging ARM assembly

Apr 2015 – Aug 2018 **Swim Instructor**, De Anza Cupertino Aquatics
San Jose, CA

- Coached kids and adults at all levels, including special needs
- Marketed skills to acquire a client base and started private swim lessons

PROJECTS

May 2020 – current **Personal Website**

- Designed a photography portfolio website using ReactJS to explore frontend programming

ACTIVITIES

Aug 2018 – current **Purdue Computer Science Women's Network**

- Engaged with company professionals in networking events for women in technology

Aug 2018 – Dec 2018 **MAGIC (Mentors for Inspiring Girls in Computing)**

- Organized lesson plans and simple projects to encourage middle school girls to pursue STEM related fields of study