

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