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 ▪ **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 personal photography portfolio using ReactJS and hosted on GitHub Pages to explore frontend programming
Aug 2020 – Dec 2020	**Prospect Web Application** ▪ Created a job application tracker using a ReactJS frontend, Python Flask API, and Google Cloud SQL database

ACTIVITES

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