CORA CHAN

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Website: coraychan.com

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

- Java (Advanced), C (Advanced), PHP (Intermediate), Python (Intermediate), ReactJS (Beginner), Ruby (Beginner)

EXPERIENCE

May 2020 – Aug 2020

Software Development Engineer Intern, Amazon
Seattle, WA (Remote)

- Designed and implemented the integration of AWS CloudFormation StackSets with AWS Service Quotas, providing customers an improved visibility of resource limits
- Migrated limit data from AWS DynamoDB to dynamic configuration files across all Amazon Regions, allowing for automatic limit increase approvals
- Developed and maintained unit tests using Mockito for Java

Jan 2019 – May 2020

Automation Engineer Intern, Hewlett Packard Enterprise
Houston, TX (Remote)

- Automated the build and deployment process for a web application using PHP and Python, producing an 85% reduction in deployment time
- Executed production deployments on Microsoft IIS servers and completed detailed documentation of the process
- Coordinated version control system migration from Subversion to GitHub and prepared my team for the transition in a series of presentations and training sessions

Aug 2019 – current

Undergraduate Teaching Assistant, Purdue University
West Lafayette, IN

- Reinforced Computer Architecture lecture material in weekly two-hour laboratory sessions
- Assisted classes of 30 students with designing circuits and debugging ARM assembly, and answered conceptual questions

Apr 2015 – Aug 2018

Swim Instructor, De Anza Cupertino Aquatics
San Jose, CA

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

ACTIVITIES

Aug 2018 – current

Purdue Computer Science Women's Network

- Engaged with company professionals in networking events for women in Computer Science

Aug 2018 – Dec 2018

MAGIC (Mentors for Inspiring Girls in Computing)

- Organized lesson plans and small projects to encourage middle school girls to pursue STEM