

# Connor Cox

## Experience

May 2018 - **Software Development Engineer I, II**, Yapta, Seattle, WA.

- Present
- Worked with the DevOps team to define Yapta's new Kubernetes microservice deployment pipeline, reducing the process from 2 hours to under 30 seconds, and eliminating the need for downtime.
  - Built a greenfield modular platform, composed of multiple RESTful microservices, that moved customers into cheaper hotel rooms seamlessly and increased overall revenue by 35%.
  - Created a microservice, as a hackathon project, that used Git to automatically tag library versions after a pull request; it was adopted and used in production.
  - Introduced new technologies and cybersecurity concepts to the entire engineering team during lunch-and-learn sessions.
  - Supported legacy systems, AWS infrastructure, and the upgrade to Python3 while building out new features using test driven development.

Summer 2017 **Threat Intelligence Intern**, Infoblox, Tacoma, WA.

- Worked on various projects as a member of a cybersecurity team in an Agile environment.
- Implemented critical platform functionality using ECS, API Gateway, and Lambda.
- Deployed and maintained various RESTful API endpoints using standard DevOps methodologies and AWS tools.
- Analyzed compromised domains hosting malware campaigns using WHOIS, DNS, and custom built Python scripts.

Mar. 2016 - **Center Manager and Instructor**, Coding with Kids, Gig Harbor, WA.

- May 2017
- Led group trainings to guide the growth of other instructors.
  - Designed programming projects for the Coding with Kids curriculum.

Jan. 2015 - **Founder**, Sudo Help, Gig Harbor and Tacoma, WA.

- June 2017
- Provided personalized technical support on basic computer usage.
  - Grew client base to 30 unique households through word-of-mouth.

## Languages, Technologies and Skills

Languages Python, Java

Technologies Amazon Web Services, Kubernetes, Helm, Docker, Git, NoSQL, Flask, Spring, SQL, Terraform, CI/CD Pipeline Orchestration

Auxiliary Bouldering, Super Smash Bros

## Projects

C, Firebase, **BabyBand** - Team

Android Engineered a real-time IoT infant monitoring device using Particle Photon, Firebase, and iOS/Android support. Won second place at SIC2016.

Django, RDS **Hikeaway** - Team

Developed an application to recommend hiking trails based on progressive user input. Won third place at T-mobile Big Data Hackathon.

## Education

2015 - 2017 **Bachelors of Science in Computer Science and Systems**, University of Washington Tacoma, Tacoma, WA.

2014 - 2015 **Associate of Arts and Sciences**, Tacoma Community College, Tacoma, WA.

Classes: Data Structures, Algorithms, Artificial Intelligence, Natural Language Processing

Clubs: **Algorithms Club** Division 1, **HuSCII Coding** Member and Speaker

Dean's List: Winter 2016, Summer 2016, Fall 2016, Winter 2017, Spring 2017