

Connor Cox

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Experience

- 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 functionally using ECS and Lambda.
 - Deployed and maintained various API endpoints using standard DevOps methodologies.
 - Analyzed compromised domains hosting malware campaigns using WHOIS, DNS and other information.
 - Researched and documented a potential DNS exploit.
- 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.
 - Taught children of various ages fundamental programming concepts in Python.
- Aug. 2016 - **Technical Support**, *Kensington Gardens*, Gig Harbor, WA.
- Sept. 2017
- Maintained servers and networking infrastructure of the business.
 - Aided the staff with technical troubleshooting on a 24/7 basis.
- 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.

Projects

- C, Firebase, **BabyBand** - *Team*
- Android
- Developed a real-time IoT infant monitoring device using Particle Photon and Firebase, with iOS/Android support. Won second place at SIC2016.
- Docker, Django, **DjangoUnsynqed** - *Individual*
- AWS
- Designed and implemented a polling web application that can be deployed with a single command. Designed and implemented an AWS stack to handle RESTful API calls.
- Python, **Hikeaway** - *Team*
- Django, RDS
- Developed an application to recommend hiking trails based on progressive user input. Won third place at T-mobile Big Data Hackathon.
- Unity, C# **ViveVR Safety Experience** - *Team*
- Developed a VR Project to engage a classroom and teach proper safety procedures using the HTC Vive. Won best design and classroom engagement at Vive Jam by Foundry10.

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, Databases, Software Engineering Foundations, 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

Languages and Technologies

- Languages Python, Git, Java, SQL, and Linux
- Technologies Amazon Web Services, NoSQL, Cloudformation, Docker, VirtualBox