

Christian Kuss

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EDUCATION

NORTHEASTERN UNIVERSITY | CANDIDATE FOR BS IN ELECTRICAL & COMPUTER ENGINEERING

Boston, MA

GPA: 3.56 | Expected Graduation Date: May 2022

Relevant Courses: Electronics | Algorithms | Embedded Design | Circuits and Signals | Networks

Activities: Boston Campus Ministry | NU IEEE | Northeastern Unmanned Aerial Vehicles

EXPERIENCE

TABLECHECK INC. | SOFTWARE ENGINEERING INTERN

Jan '19 - Jul '19

Tokyo, Japan

- Implemented a low-level "rescue service" using React and DynamoDB
- Developed a payment platform microservice in Ruby that adapts to third party API's
- Wrote and performed detailed test cases using RSpec

NORTHEASTERN ECE RESEARCH | RESEARCH ASSISTANT

Sep '18 - Dec '18

Boston, MA

- Developed a mobile application using React Native for reading from an Alzheimer's detection sensor over Bluetooth

SERVICE LEARNING FOR ENGINEERING | VOLUNTEER MENTOR

Sep '17 - Dec '18

Boston, MA

- Taught primary school children engineering design and Arduino to build Sumo Bots for competition

HOPEWORLDWIDE SERVICE TRIP | VOLUNTEER

Jul '18 - Aug '18

Lusaka, Zambia

- Taught general science principles to primary school students
- Designed and built a playground from old tires

NORTHEASTERN ECE DEPARTMENT | COMPUTER SYSTEMS ASSISTANT

Jan '18 - Apr '18

Boston, MA

- Reconfigured computers for use and conducted general computer maintenance

SKILLS

PROGRAMMING

- Python, C++, Java, Ruby/Rails, Javascript
- Familiar with C, \LaTeX , MATLAB, Elixir, React

COMPUTER

- SolidWorks, AutoCAD, Inventor, 3DSMax
- AWS, Arduino, Docker, Git, Unity

PROJECTS

AUTOMATIC PILL DISPENSER In Progress

Python, C++, HTML, CSS, JS

- Eliminates error in taking prescriptions by dispensing correct dosages with a small amount of water
- Utilize Alexa Skill to allow for user interaction along with auditory and visual reminders
- Competed with this device at the China-US Young Makers Competition in Beijing, China

ALEXA SKILL GAME

May '17

Java, Maven, Lambda

- Coded a text based adventure game in Java
- Compiled using Maven and deployed on AWS Lambda
- Allowed for multiple story paths and specific Alexa responses based on answer