

Christian Kuss

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EDUCATION

NORTHEASTERN UNIVERSITY | CANDIDATE FOR BS IN ELECTRICAL & COMPUTER ENGINEERING

Boston, MA

GPA: 3.61 | Expected Graduation Date: May 2022

Relevant Courses: Embedded Design | Circuits and Signals | Calculus 3 | Discrete Structures

Activities: NU IEEE | Northeastern Unmanned Aerial Vehicles

CENTRAL KITSAP HIGH SCHOOL | GRADUATED IN JUNE 2017

Silverdale, WA

Awards: Graduate with Honors | Distinguished Scholar | AP Scholar with Distinction | Academic Achievement Award

Activities: Honor Society | Key Club | ASB Senior Justice | Varsity Track | Cross Country Captain

EXPERIENCE

NORTHEASTERN ECE RESEARCH | RESEARCH ASSISTANT

Sep '18 - Present

Boston, MA

- Developing a mobile application using **React Native** to provide a user interface for reading from an Alzheimer's detection sensor

SERVICE LEARNING FOR ENGINEERING | VOLUNTEER MENTOR

Sep '17 - Present

Boston, MA

- Teach 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

SEABECK CONFERENCE CENTER | SERVER

Apr '18 - Aug '18

Seabeck, WA

- Prepared and coordinated food service while maintaining guest relations

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
- Familiar with C, C#, \LaTeX , MATLAB

COMPUTER

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