# 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: Calculus 3 | Discrete Structures | Embedded Design | Circuits and Signals
Activities: NU IEEE | EWB Uganda | AIAA | NUAV | Enabling Engineering

**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, LaTeX, MATLAB

**COMPUTER**

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

## 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