

Eric Maines

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(859) 444-3998

Education:

Bachelor of Science in Computer Engineering; Minor in Mathematics

University of Kentucky, Lexington

Projected graduation: May 2023

Courses: Physics E&M, Calculus I-IV, Digital Logic, Systems Programming, Embedded Systems GPA: 3.52

Transferred 33 hours from Northern Kentucky University dual credit program with *4.00 GPA*

Experience:

Cypress Semiconductor; Lexington, KY

August 2020-Present

Student Co-Op

Hands-on software development experience implementing systems that assisted in the creation and fabrication of custom hardware to be used in various applications. Focused on developing professional communication habits over email and zoom meetings, as well as developing technical skills in algorithm design, web development, and git project management.

Skills:

- Programming and Front End
 - Ruby and Ruby on Rails
 - Python
 - HTML/CSS
 - C++/C
 - ARM Assembly Language
 - JavaScript/React web development
 - Bitbucket Git systems
 - Perforce project management
- Microsoft Office and Adobe Suites
- Arduino, and microcontroller programming
- Unix terminal and virtual machines
- Russian Language
- Adobe Audition audio production
- Audio broadcasting
- Social Media and audience retention

Honors and Awards:

- Spring 2019 College of Engineering Dean's List
- Kentucky Educational Excellence Scholarship (\$2500/year), based on ACT scores and GPA
- Kentucky Provost Scholarship (\$5000/year), based on need and academic achievement
- Kentucky Futures Scholarship (\$4000/year), competitive scholarship based on academic achievement

Activities:

WRFL Lexington Advisory Board (2019-present)

Student Member

- Responsible for the advising of WRFL station operations through quarterly meetings and personal communication with station directors and staff members.

Red River Gorge Trail Crew Volunteer; US Forest Service (2020-present)

Volunteer

- Monthly maintenance of trails and forest service implements, and the preservation of the natural beauty of Kentucky's *Red River Gorge* under the supervision of the US Forest Service. Projects have included bridge construction, live staking, and cross cutting while working as a team to communicate safety and effective methods of work.