

**ELECOMP CAPSTONE DESIGN PROGRAM**  
**FALL 2019 ENROLLMENT: ELE480**

**Name:**

**ID Number:**

**University Email Address:**

**Overall GPA:**

**Engineering GPA:**

**Major/s:**

**Minor/s:**

**Grade in 212:**

**Semester Taken:**

**Grade in 313:**

**Semester Taken:**

**Grade in 338:**

**Semester Taken:**

**Cumulative numerical average of above 3 courses:**

**Will you have car for 2019-2020 academic year? (y/n)**

**Will you have a laptop for the 2019-2020 academic year? (y/n)**

**Confirm no classes taken on Fridays after 5pm for BOTH semesters. (y/n)**

**Will you have any class from 1.00pm to 1.50pm on Fridays? (y/n)**

**If you are an ELE Major, do you have any key skills in CPE/CS areas? If you are a CPE Major, do you have any key skills in the ELE area?**

**Previous Internships & Work Experience: time periods, location, skills gained:**

**Do you have an internship in the present Spring 2019 semester? If so, give details:**

**Will you have an internship during the summer this year? If so, give details:**

**Will you have an internship during 2019-2020 academic year? If so, give details:**

**Summary of KEY Skills in your Major.**

**Passion areas in your major and minor concentrations? Justify:**

**Key projects in or outside of your coursework (course assignments, hobby projects, etc.). Give detail and justify your selection.**

Which projects would be your top 3 choices; justify in detail and correlate with your Passion Areas, and Key Skills above. Select from the projects being executed this current year. Go to this link for the project descriptions of all 22 projects.

Links: [2018-2019 Current Proposals](#) | [Symposium Program](#)

A hard copy is also being distributed to all students, for easy reference. The video presentation of each team is also available at the website.

**Project One:**

**Project Two:**

**Project Three:**

Will you be interested to take the PCB Design Course:

Insert your Resume, starting on the next page, together with a photo of yourself, so that I can put a face to a name! You are welcome to provide further explanations on any of the above topics in your resume.

(save the full doc as a pdf, and label it as: ELECOMP-F19-"your name")

**Submit only as ONE attachment to: [sunak@ele.uri.edu](mailto:sunak@ele.uri.edu),  
[john\\_murphy0910@my.uri.edu](mailto:john_murphy0910@my.uri.edu)**

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**Save the Date: Tuesday September 3<sup>rd</sup>, 2019: Advising Day. Capstone Interviews for ALL Capstone Designers. Registration slots in late August.**

**See details of the PCB Design Course, which can be used as a 4<sup>th</sup> Professional Elective by Petition. It will be offered in the Fall 2019 semester, on Thursdays, from 5.15pm to 9pm. Will you be interested to take this course? Last Fall semester, the enrollment in this course was 17! Seniors who take this course will be given preference in capstone projects that require PCB Design.)**

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# Brady Peacock

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## Education

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### University of Rhode Island

BACHELOR OF SCIENCE: COMPUTER ENGINEERING (GPA: 3.79)

Kingston, RI 02881

*Sept. 2016 - May 2020*

## Skills

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**COMPUTER LANGUAGES:** C/C++, Mathematica, MATLAB, Python, LC3 Assembly, Bash, HTML, CSS, JavaScript, PHP, MySQL, VHDL

**SOFTWARE:** GitHub/Git, VirtualBox, NI Multisim, Microsoft Office, Adobe CC, Glade, PSpice, Quartus II

**HARDWARE:** FPGAs, Oscilloscope, voltmeter, circuits consisting of capacitors and inductors, and soldering

## Leadership Experience

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2018 **Computer Engineering Student Advisory Board Member** University of Rhode Island

The Student Advisory Board is a group of students that are chosen by recommendation from their professors that meets occasionally with a faculty representative to discuss the academic programs of the department.

## Professional Experience

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2018 **URI ITS Web Development** Sept 14 - Present Kingston, RI 02881

Supervisor: Lisa Chen lchen@uri.edu

A student web development job. I am learning and getting experience with PHP, CSS, JavaScript, RESTful APIs, and MySQL. Once I am done with training, I am expected to do front and back-end web development.

2018 **General Dynamics Electric Boat** June 7 - August 31 Middletown, RI 02842

Supervisor: Michael Turnbull 401-848-8881 mturnbul@gdeb.com

Performed manual updates in both HTML and Word/Excel, such as technical manuals with wiring tables or system procedure manuals and FATs/SATs; Supporting development and testing. Development consisted of updating a GUI in C++/Glade and updating an install script in Shell. Testing consisted of running through FATs and SATs, as well as verifying that new PCBs had correct measurements; Troubleshoot hardware and software problems.

