

# Jovaun Jackson

jovaunjackson@gmail.com | 914.815.4212

## EDUCATION

**NORTHEASTERN UNIVERSITY**  
**BS IN MECHANICAL ENGINEERING**  
Minor in Computer Science  
Expected May 2018 | Boston, MA  
GPA: 3.89/4.00

## LINKS

jovaunjackson.me  
github.com/XIIFulminata  
linkedin.com/in/jovaun-jackson  
devpost.com/Fulminata

## COURSEWORK

### COMPUTER SCIENCE

Fundamentals of CS  
Intro to MATLAB & C++  
Differential Eqn. & Linear Algebra

### MECHANICAL ENGINEERING

Heat Transfer  
Capstone Design  
Circuits

## SKILLS

Languages & Frameworks:

JavaScript • Python • HTML • CSS  
C++ • Foundation • Ionic • JQuery

General:

3DP (SLA/FDM) • SolidWorks • French

## HACKATHONS

### MAP MY ERRANDS

UI/UX Design & Asset Creation  
TU: Ionic 2, JS, Angular 2

### EMOJI HOME

IOT Prototype Smart Home  
TU: Bootstrap, HTML/CSS, 3DP

### RUNNING TOTAL

Chrome Extension BOM Generator  
TU: Bootstrap, HTML/CSS, JS

### SEARCH FRENZY

P2P Word Search Game  
TU: JS, Firebase, Random Word API

### WHAT'S ON MY PLATE

Landing Page and Asset Creation  
TU: Bootstrap, HTML/CSS

## PROJECTS

**SLACK TRACK** | JOVAUNJACKSON.ME/SLACK-TRACK  
(Work in Progress) Dashboard for upcoming and recurring media  
Technologies Used: JavaScript, HTML/CSS, Bootstrap, Git

### PERSONAL WEBSITE

 | JOVAUNJACKSON.ME

A portfolio of my personal projects, work-experience, and research  
Technologies Used: JavaScript, HTML/CSS, Foundation, Git

## EXPERIENCE

### INSTRON

 | MECHANICAL DESIGN CO-OP

July 2016 – Dec 2016 | Norwood, MA

- Designed, modeled, and assembled custom fixtures using SolidWorks
- Acted as project manager for 38 delivered custom projects
- Utilized 3D printer (SLA) to prototype and validate proof of concept designs
- Generated JavaScript code in Excel to automate change order creation

### GE AVIATION

 | INFRA-ENGINEERING CO-OP

July 2015 – Dec 2015 | Bohemia, NY

- Coordinated with 15 suppliers while ensuring compliance and timeliness
- Established a strategic ordering pattern for the site's 100+ chemicals, reducing critical shortages by more than 80%.
- Reduced safety label creation time by 90%, automating in MS Access.
- Designed test methods and fixtures to stake PCB's with high repeatability

### WHITFORD RESEARCH GROUP

 | UNDERGRADUATE RESEARCHER

June 2014 - Aug 2014 | Boston, MA

- Developed 4 computational models for protein folding
- Developed shell and Perl scripts to control simulations and analyze data
- Created data visualizations using gnuplot and MATLAB
- Validated accuracy of simplified protein model in depicting large-scale dynamics
- Publication: Jackson, J.; Nguyen, K.; Whitford, P.C. Exploring the Balance between Folding and Functional Dynamics in Proteins and RNA. Int. J. Mol. Sci. 2015, 16, 6868-6889

## AWARDS

2016	top 8/92	Finalist at Hack UMASS '16
2016	Merit	Amelia Peabody Honors Scholar
2016	Merit	Great Lakes Scholar
2013	Merit	Northeastern University Scholar (Full-Tuition)
2013	Merit	Hurtig Engineering Legacy Scholar

## SOCIETIES

2016	top 12%	Tau Beta Pi Engineering Honor Society (top 12% of COE)
2015	top 25%	Pi Tau Sigma Mechanical Engineering Honor Society
2013	top 2%	Northeastern University Scholars Program
2013	National	National Society of Black Engineers