

Jovaun Jackson

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EDUCATION

NORTHEASTERN UNIVERSITY BS IN MECHANICAL ENGINEERING

Minor in Computer Science
Dean's List (All Semesters)
Expected May 2018 | Boston, MA
Cum. GPA: 3.89/4.00

LINKS

Github:// [XIIFulminata](#)
LinkedIn:// [jovaun-jackson](#)
Devpost:// [Fulminata](#)
Personal [JovaunJackson.com](#)

COURSEWORK

COMPUTER SCIENCE

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

MECHANICAL ENGINEERING

Heat Transfer
Capstone Design
Circuits

SKILLS

Languages:
JavaScript • Python • HTML • CSS
Bootstrap • Foundation • Ionic 2 • JQuery
General:
3DP (SLA/FDM) • SolidWorks • French

HACKATHON

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 wordsearch game
TU: JS, Firebase, RandomWord API

WHAT'S ON MY PLATE

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

PROJECTS

TRAINER CARD GENERATOR | [XIIF.GH.IO/TRAINER-CARD-GEN](#)

Generates downloadable pokemon trainer cards in a printable format.
Technologies Used: JavaScript, HTML/CSS, Foundation, Git

+UNPRODUCTIVITY WEB APP | [XIIF.GH.IO/POPCORN-TIME-CLONE](#)

Keeps track of the media you're excited about (recurring and upcoming)
Technologies Used: JavaScript, HTML/CSS, Bootstrap, Git

PERSONAL WEBSITE | [JOVAUNJACKSON.COM](#)

Designed, built, and deployed a website to display my personal projects.
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
- 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 chemicals, reducing critical shortages by more than 80%.
- Reduced safety label creation time by 90%, automating in Access.

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 GNU PLOT 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