

JULIEN CHOMETTE

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OBJECTIVE | To further my knowledge and experience in the field of Electrical & Computer Engineering.

SKILLS & ABILITIES | **RELEVANT** - MS Office, Verilog, Eagle, PSpice, Matlab, Maple, Solidworks, Assembly, C, Java
OTHER - Public Speaking, HTML5, CSS, Effective time management, Economic Analysis

EXPERIENCE | **ELECTRICAL & COMPOSITES ENGINEERING INTERN, WINDLIFT LLC**
MAY '16 – AUG '16

Builds: analysis skills, independent work, knowledge of synchronous motors, control boards, and inverters
Responsibilities: aid the research and development of an energy-harvesting drone, develop LCOE

UNDERGRADUATE RESEARCH ASSISTANT, NSF FREEDM SYSTEMS CENTER
SEPT '15 - PRESENT

Builds: strong leadership skills, lab experience, analysis skills, independent work
Responsibilities: aid the development of the PREES Lab on campus with research and management projects

HELP DESK CONSULTANT, NC STATE ITECS HELP DESK
MAY '15 - PRESENT

Builds: customer service, IT knowledge, problem solving skills, teamwork
Responsibilities: help all engineering students/staff with any or all computer-related issues

EDUCATION | **NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NC**
BS – ELECTRICAL AND COMPUTER ENGINEERING
SENIOR – GRADUATING SPRING 2017

Concentration in Renewable Electric Energy Systems
Cumulative GPA: 4.00/4.00 ; Major GPA: 4.00/4.00

ABM Program – Masters' degree in Spring 2018

RELEVANT COURSEWORK, NC STATE
BS – ELECTRICAL AND COMPUTER ENGINEERING

- Design of Complex Digital Systems (ECE310)
- ASIC Design (ECE520)
- Principles of Electro-mechanical Energy Conversion (ECE305)
- Networking (ECE570)
- Embedded Systems Design (ECE306)
- Power Systems Analysis (ECE451)
- Object-Oriented Programming (ECE309)
- Public Speaking

TECHNICAL PROJECTS | **FORMULA HYBRID RACECAR** – design and construction of dashboard, aided with low voltage circuit
EMBEDDED SYSTEM – development of semi-autonomous programmable vehicle
ECP SENIOR DESIGN – develop business model, prototype product, build startup

HONORS & ACTIVITIES | **OFFICER OF BETA ETA CHAPTER OF ETA KAPPA NU** – Fall '15 & Spring '16 Web Correspondent
ECE AMBASSADOR – volunteering and event creation for ECE department at N.C. State
SENSUS REACH SCHOLARSHIP – Fall '16 & Spring '17
ABB SCHOLARSHIP in Power Engineering – Fall '15 & Spring '16
NC STATE SCHOLARS PROGRAM - Completed
DEAN'S LIST – Fall & Spring '13, '14, '15

REFERENCES | **DR. DOUGLAS C. HOPKINS**, DIR. LABORATORY IN PACKAGING RESEARCH IN ELECTRONIC ENERGY SYSTEMS (PREES)
NSF FREEDM SYSTEMS CENTER
N.C. STATE UNIVERSITY
Phone: (919)513-5929
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