



Jean-Christophe James Owens

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Education

- ❖ **Bachelor of Science in Electrical Engineering**, University of Colorado Boulder, Boulder Colorado, USA, Projected Graduation Spring 2019
- ❖ **International Baccalaureate (IB)**, Douglas County High School, Castle Rock Colorado, USA, Graduated May 2014
- ❖ **Centre International de Valbonne (CIV)**, Valbonne, France, 2009

Involvement / Projects

- ❖ **Ethical Hacking Club / Hack CU**
Member of Computer science club focused on expanding knowledge on white-hat methods and tools. Part of the sponsorship team for HackCU contacting and networking to host and participate in hackathons
- ❖ **Electrokart**
An Embedded Systems class where we used embedded C. Programed an MSP432401R as a master and slave via Bluetooth through UART. Built a chassis and circuit system with a 12 Volt battery, speed controllers and motors. Received 1st place in final project and received 2000\$ as winner from Texas Instruments.
- ❖ **RC Car / Rex Robot**
1st project implemented a Raspberry-pi (slave/master) linked to an android app as a control unit.
2nd project was an Arduino summer project. Single handedly constructed a robot chassis and programmed its mobility. Additional features were added such as a sensors and Bluetooth.

Relevant Coursework

CSCI 1300 - Intro to Computing	COEN 1400 - Engineering Projects
CSCI 2400 - Computer Systems	CSCI 2824 - Discrete Structures
CSCI 2270 - Data Structure	ECEN 2350 Digital Logic
CSCI 3308 - Software and Developments Tools and Methods	
ECEN 2250 – Introduction to Circuits	ECEN 2240 – Embedded Systems
French Minor - 6 courses upper division	

Work Experience

Norlin Commons Library - Commons Help Desk **January 2016 - Present**

Student employee Lead at Norlin Commons Library at the University of Colorado Boulder.
Customer service and maintenance of library computer systems.

Kumon. - Tutor **May 2012 | August 2014**

Tutored students aged 5 to 18 in mathematics and English curriculum. Focused primarily on mathematics, managed a team of tutors in terms of scheduling and training.

Summary of Skills

- ❖ **Software Dev:** C, C++, Embedded C, Verilog, Java, Python, Matlab, SQL, Unix
- ❖ **Software Web:** Html, CSS
- ❖ **Methods:** Agile / Waterfall methods using GitHub
- ❖ **Languages:** Bilingual, French and English

Miscellaneous

Tri-citizenship, US, UK, France. Most of my life was spent in Europe. Currently reside and study in Boulder, Colorado.