

# Jose Alba

<http://josealba.org/> <http://financialjourney.me/>  
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## EDUCATION

### UNIVERSITY OF WINDSOR

BCS-COMPUTER SCIENCE CO-OP  
Expected Apr 2019 | Windsor, Canada  
Conc. in Artificial Intelligence  
Minor in Math  
Cum. GPA: 77% Major GPA: 81%

### EWHA WOMANS UNIVERSITY

INTERNATIONAL EXCHANGE  
Sep 2018 - Dec 2018  
Seoul, South Korea

### UNIVERSITY OF ESSEX

INTERNATIONAL EXCHANGE  
Jan 2017 - Jun 2017  
Colchester, United Kingdom

## LINKS

Github:// [JoseAlba](#)  
LinkedIn:// [josealba1996](#)  
YouTube:// [JoseAlba](#)  
Facebook:// [jose.d.alba.52](#)  
Instagram:// [jose.alba](#)

## COURSEWORK

### UNDERGRADUATE

Information Retrieval  
Operating Systems  
Artificial Intelligence + Practicum  
Functional Programming  
Computer Graphics  
Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Java • C# • C++ • C • Bash  
JavaScript • Python • PHP •  $\text{\LaTeX}$

### INTERESTS

Artificial Intelligence • Hackathons  
Network and Security • Video Editor

### VOLUNTEERING

Developed strong leadership, communication, and organizational skills from 100+ hours

### LANGUAGES

Fluent in Spanish and English  
Currently learning French

## EXPERIENCE

### NOKIA | SOFTWARE ENGINEERING INTERN

Jan 2018 - Aug 2018 | Ottawa, Canada

- Worked with a senior test engineer to deliver the L3/L4 inspection functionality on the 7x50 family of platforms
- Improved regression testing by 260% via Python and optimization techniques
- Created a local speedtester by using techniques such as IP spoofing, subnet redirection, and Bash. By linking VMs to an HSR and generating random traffic the speedtester was able to detect problems within TCP optimization

### UNIVERSITY OF WINDSOR | TEACHING ASSISTANT

Jan 2016 - Apr 2018 | Windsor, Canada

- Reviewed course concepts with students and assisted professor in evaluating student knowledge.
- Courses: Data Structures and Algorithms • Object-Oriented Programming using Java • Introduction to the Internet

### AAFC, GOVERNMENT OF CANADA | INFORMATION TECHNOLOGIST

May 2016 - Aug 2016 | Guelph, Canada

- Installed and configured computer hardware, software, systems, printers, and scanners

## PROJECTS

### VIRTUAL TRANSLATION | OXFORD HACK

<https://github.com/JoseAlba/OxfordHacks>

- Android application made in Unity that integrates Augmented Reality and Microsoft Computer Vision to describe an object or atmosphere through the camera accurately and translate the description across various languages

### BITBUY | HACK THE NORTH

<http://52.91.249.198/>

- E-commerce website with an integration into cryptocurrency
- Utilized Cockroach DB for maintaining scalable databases

## RESEARCH

### TURBULENCE AND ENERGY LAB | HEAD UNDERGRAD RESEARCHER

Oct 2017 - Present | Windsor, Canada

Worked with Dr. David Ting in automating wind turbine machines for graduate students using C++ and developed a website to show the advantages of turbulence research. Publication submitted.

## AWARDS

- |             |  |
|-------------|--|
| 2017        | Hackathon Sponsorship                                    |
| 2017        | Attended Oxford Hacks and MakeHarvard                    |
| 2017        | ACM Local Programming Competition, 4 <sup>th</sup> place |
| 2014 - 2017 | Dean's Honour Roll                                       |
| 2016 - 2017 | Mary Fuller Scholarships                                 |
| 2017        | School Involvement Award                                 |
| 2016        | IT Services Scholarship in Computer Science              |
| 2014        | Award Of Excellence                                      |