

Alex 'A.J' Norton

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📄 ajnorton

Education 📖

Virginia Tech University

Computer Science, GPA: 3.85/4.00

Blacksburg, VA

2011–2015

- Computer Science Major with a Mathematics Minor; Graduate June 2015, Summa Cum Laude, Phi Beta Kappa
- Studied business information technology, Oxford Brookes University, England, Spring 2015

Oxford Brookes University

Technology

Oxford, UK

2015 – Ongoing

- Completed Computer Science courses with focus on learning business perspectives

Work 💼

Amazon

Software Developer Intern

Compiled semantic analyzer in Java/Xtext; Eclipse plugin

Seattle, WA

Summer 2014

Cvent

Software Intern

Implemented new error logging; library permits corrections by graphing and searching, debugged information in Javascript

McLean, VA

Summer 2013

Modea

Digital Content Intern

Created Verizon Galaxy S3 customer support phone simulator using Photoshop

Blacksburg, VA

Winter 2012

Projects 💡

Ephemeral Hadoop: Utilize unshared computer resources to run Hadoop batch jobs

JAVA, Hadoop

Hokie Links: Share class notes, comments, and links about Virginia Tech classes

Rails, JS, SASS

Oxford Brookes Bus App: Real time updates of the Oxford bus schedule, stops, and routes

iOS

Schools Out API: Built a REST API to predict school closures based on weather

Ruby On Rails

Leadership ⚡

Computer Science Teaching Assistant: Held office hours for more than 400 CS students (15 hours/week)

Hokie Ambassador: Gave tours and presentations to aspiring Computer Science students every week

Eagle Scout: Major refurbishment of elementary school (100+ hours of community service)

Entrepreneur Club Treasurer: Financed campus events: pitching competitions, hackathons, meet ups

Experience ⚙️

Website Maintainer

ESN Developer

Oxford Brookes

2015

- Create content and perform updates on Oxford Brookes ESN website

S.O.F.I.A Android project

Undergraduate Research

Virginia Tech

2013

- Development of game logic: Developed the main game loop algorithm as well as leaderboard and achievement functionality

Youtube Channel

Channel Name: AppleJuiceTeaching

Internet

2012–Present

- Developed tutorials and references about CS topics such as Algorithms and Version Control
- Generated more than 380,000 views and 1,600 subscribers

Skills

- Ruby/Rails
- Java
- C
- L^AT_EX
- Linux
- Git
- Javascript/Coffeescript
- Swift (iOS Development)

Familiar With

- Adobe Illustrator
- CSS/SASS