

Alex 'A.J' Norton

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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

Oxford Brookes University

Technology

Oxford, UK

Jan 2015–June 2015

- Completed Computer Science courses with focus on learning business perspectives

Work 💼

IBM

Software Engineer

Austin, Texas

2015 - 2017

Developed Watson Workspace App, integrated with IBM Watson, created real time message service in Swift and Java

Amazon

Software Developer Intern

Seattle, WA

Summer 2014

Compiled semantic analyzer in Java/Xtext; Eclipse plugin

Cvent

Software Intern

McLean, VA

Summer 2013

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

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)

Experience ⚙️

S.O.F.I.A Android project

Undergraduate Research

Virginia Tech

2013

- Development of game logic: Development of 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 1,000,000 views and 4,000 subscribers

Skills 🎯

- Ruby/Rails

- Java

- Git

- Javascript/Coffeescript