CHRISTOPHER E. CHEVALIER

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EDUCATION

Expected 8/17   Wentworth Institute of Technology | Boston, MA
Bachelor of Science in Computer Science | 3.4 GPA

Courses: **Computer Science:** Computer Science I&II, Object Orientated Java, Computer Architecture, Data Structures, Assembly Language, Intro to Programming Languages, Operating Systems, Database Management Systems, Intro to Networks and Systems, Routing & Switching, Software Engineering, Intro to AI, World Wide Web Development, **Math:** Probability & Stats for Engineers, Engineering Calculus I&II, Discrete Math, Linear Algebra & Matrix Theory, Algorithm Design & Analysis, Cryptography **Science:** Engineering Physics I&II, Chemistry Built Environment, **Management:** Financial Accounting, Principles of Economics, Managing & Leading Orgs,

SKILLS

Languages: Java, Scala, C++, JS, Python, PHP, Ruby, LISP, R, HTML, CSS, ARM Assembly

Technologies: Node.JS , Hadoop Ecosystem, Unix Environments, Lucene, Android, REST, Web-Applications, JQuery, AngularJS, Express, Spring MVC, Bootstrap, ng-Materials, Data Visualization, Android

EMPLOYMENT EXPERIENCE

7/16–12/16,   **Intern (Pharmaceutical Science Small Molecules Tech & Innovation),** *Pfizer Inc, Groton, CT*
· Built functioning search proof of concepts for Pfizer's big data initiative.
· Managed external development and implementation of several iPad applications.
· Created and implemented document storage and retrieval system.
· Improved Unix, Hadoop, Big Data, Spark, Lucene, Node.Js & Angular.Js skills.

5/15–7/15,
1/16–5/16   **Intern (Preclinical External Research Department),** *Pfizer Inc, Groton, CT*
· Individually developed web-application requiring data ingest, restful services, data visualization, data transformation, user authentication & email alerts.
· Translated business requirements into technical requirements & proposed architecture.
· Improved Node.Js, Angular.Js, MySQL Ubuntu & Data Visualization skills.

5/14-1/15   **Systems Manager and Technical Advisor,** *Charter Oak Scanning, Stonington, CT*
· Website Management & System Design.
· Oversaw staff of 3 employees.
· Marketing and digital design.

PROJECTS

3/17-4/17   **Using AI to Produce Music,** *Intro to AI, Senior Year, Wentworth Institute of Technology*
· We explored different methodologies to create midi music using Markov chains to generate both melodies and rhythm's. Our final implementation was written in python.

2/17-4/17   **Neighbor Labor,** *Software Development, Senior Year, Wentworth Institute of Technology*
· Neighbor Labor was a Location Based job board for mobile phones inspired by craigslist.
· I completed the Android version and was involved in the designing of the apps.

EXTRACURRICULAR EXPERIENCE

9/14 - Present   **Contributing Member,** *BRAIN Arts Organization: Boston, MA*
· Website management, event coordination & management.

Last Updated: 5/12/2017