PB Patrick Bartman

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Objective

· The chance to further my knowledge and experience in all facets relating to technology.

Experience

COFOUNDER AND LEAD DEVELOPER | ANYSPACE | APRIL 2016-PRESENT

· An event planning platform, streamlining the current lengthy process
· Winner at Campus 1871
· Incorporated
· Launching soon
  · Learn more at www.getanyspace.com

SOFTWARE ENGINEERING INTERNSHIP | MOTOROLA SOLUTIONS | MAY 2016-AUGUST 2016

· WAVE 7000 Push-To-Talk team
· Massive Software Project for Public Safety
· Created the entirety of the app's public facing API service
· Gained experience in presenting to Executive Leadership

WEB DEVELOPMENT INTERNSHIP | FLOODLIGHT DESIGN | MAY 2014 - APRIL 2016

· Formal Internship upon High School Graduation
· Primarily work consisted of making full responsive websites
· Worked year round
· Other tasks involved content population, live site updates, and mobile app development

Education

ILLINOIS INSTITUTE OF TECHNOLOGY | SPRING 2018

· Major: Computer Engineering
  · Focus in Software
· NCAA DIII Athlete
  · Cross Country
  · Track & Field
· WIIT
  · Radio DJ
  · Events Director
· Mentor for CodeDay Hackathon
· Executive Board of Association for Information Technology Professionals (AITP) at IIT
· Executive Board of Association for Computing Machinery (ACM) at IIT
· BIITCoin Club (IIT's Bitcoin Club)
· Blockchain Education Network (BEN)
· Chicago Bitcoin Airdrop
· Hackathon/Conference Planner for the Chicago Blockchain Developers Conference (CBDC)

HARRY D. JACOBS HIGH SCHOOL | MAY 2014

· Java Tutor
· Mathematics Department Award: Computer Science
· National Society of High School Scholars
· AP Scholar with Honor
· Academic Bowl
· WYSE Academic Competition: Regional Level
  · 1st Place Computer Science
  · 2nd Place Engineering Graphics

Skills & Abilities

COMPUTER PROGRAMMING

· Proficient in the Following Languages:

· Java	· PHP	· JavaScript	· Clojure	· Assembly
· C	· Git	· HTML	· Android	· Python
· C++	· SQL	· CSS	· REST	· Linux

LEADERSHIP

· Team Captain of High School Track Team.
· Team Captain of High School Cross Country Team.
· Boy Scout with Numerous Leadership Positions.
  · Eagle Scout Candidate.

· Events Director on the Executive Board of WIIT
· Executive Board Member of AITP
· Executive Board Member of ACM
· Technical Expert for CBDC (under BEN)

COOPERATION

· Worked with Others on Many Large Programming Projects for Work, School, and the Community.

EAGERNESS TO LEARN

· Always Willing to Try New Things and Learn as Much As Possible From Those Experiences.

Hands-On Experience

HACKATHONS ATTENDED

· HERE Hackathon	· Campus 1871	· Uncommon Hacks	· CREForge
	· 3rd Place Winner	· Best Use of Artificial Intelligence Winner	· 3rd Place Winner

PROJECTS

· Facebook Post Preprocessor
  · Artificial Intelligence bot utilizing Naive Bayesian Probabilities that predicts the likely reaction of a post or message of any kind. Originally built to interpret the success of a Facebook post to a certain audience, we later realized the implications in stopping ill-fitting emails in their track in a corporate environment.
· Running Route Algorithm
  · Algorithm that creates perfect running routes for you based on factors such as hill elevation and wind direction, as well as groundbreaking math behind creating perfect routes of a specific length in all shapes.
· Radix Sort
  · Made a personal build of the sorting algorithm "Radix Sort," before having any prior knowledge of the algorithm, or its implementation.

References

· **Kevin Christian**, High School Computer Science Teacher and Cross Country & Track Coach
  · kevin.christian@d300.org
  · (847) 561-0592
· **Joe Liu**, Former Employer at Floodlight Design
  · joe@floodlight.design
  · (224) 227-6235