

VICTOR DE FONTNOUVELLE

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U.S. Citizen

EDUCATION

Pomona College, Claremont, CA. GPA 3.88/4.0. BA
BA Computer Science, BA Mathematics

December 2019

Coursework: Data Structures, Computer Systems, Computability and Logic, Programming Languages, Algorithms, Advanced Topics in Algorithms, Natural Language Processing, Artificial Intelligence, Linear Algebra, Advanced Linear Algebra, Discrete Mathematics, Vector Calculus, Differential Equations, Real Analysis, Computational Statistics, Abstract Algebra II: Galois Theory, Economic Statistics, Intro to Engineering Design and Manufacturing, Advanced Introductory Astronomy, Intro Linguistics

Awards: Bruce J. Levy Prize in Mathematics (awarded annually to a student chosen by the mathematics department faculty for excellence in mathematics), Pomona College Scholar (Four Semesters)

PROMYS, Boston University, Boston, MA

Summer 2012 & 2015

Attended Program in Mathematics for Young Scientists, a 6-week residential program in number theory.

EXPERIENCE

Software Engineer, Facebook, Menlo Park, CA

January 2020 - Present

Intern, Facebook, Menlo Park, CA

June – Aug 2019

- Built a UI for Facebook's Configuration Management service. Work in React, Hack, GraphQL, Python, and SQL.

Intern, Embue, Boston, MA

June – Aug 2017

- Built a full-stack data analytics web application using current data from all thermostats in a selected apartment building. User visualizes trends and detects anomalous behavior. Used R, SQL, and Amazon Web Services.

- Developed a full-stack web application to visualize network layout over time. NodeJS, SQL, Amazon Web Services

Intern, NextShift Robotics, Billerica, MA

June – Aug 2017

- Built an interface for the Warehouse Control System using SQL and Asp.net. Displays real-time information to warehouse operators about robot and picker activity

- Set up and debugged Python simulations of the warehouse. Useful for displaying to clients as well as testing

Intern, SyncThink, Boston, MA

June – Aug 2016

- Collaborated to design, code, and test an Android application for the SCAT3 concussion test, to be deployed as part of Sync Think's concussion assessment product. Integrated NoSQL database

Owner, PrintPrincipal.com

Dec 2014 – Aug 2015

- Established an online ecommerce print website. \$3,500 in sales. Promoted site using Adwords and cold calling

Intern Credit Manager, WAGES, Lomé, Togo (Nonprofit Microfinance Institution)

July – Aug 2014

- Visited prospective clients, evaluated credit, input data, and assisted with general office tasks

Sales Intern, Optamark, North Attleboro, MA

May 2014 – June 2015

- Made sales calls and drafted marketing materials for online print business, generated \$6,000 in sales.

- Represented the company at a major sales event in Los Angeles; closed several deals

Owner, WeFlyerBoston.com, Wellesley, MA

Jan 2014 – Aug 2015

- Started company distributing flyers for local businesses. Hired employees, distributed 40,000 flyers; earned \$2,500

Epidemiology Intern, The Forsyth Institute, Cambridge, MA

July – Aug 2013

- Researched Cleft palate incidence rates across the U.S. Used R to analyze large data set drawn from hospital records

OTHER INTERESTS AND SKILLS

- **Extensive experience:** Java, Python, SQL, C, R, JavaScript, HTML/CSS, MS Office (Excel, PowerPoint, Word)
- **Languages:** Advanced French (speaking, reading, writing, comprehension), Basic Turkish
- **Hobbies:** rock climbing, unicycle, hiking, drums, piano, philosophy

ACTIVITIES

- **Trip Leader**, Pomona College Freshman Orientation Adventure

Aug 2016

- **Founder**, Claremont Colleges Squash Club

Sept 2016 – Present

- **Teaching Assistant**, Intro Comp Sci (Spring 2016), Intro Astronomy (Fall 2016), Data Structures (Fall 2017), Algorithms (Fall 2018), Computer Systems (Spring 2018), Real Analysis (Fall 2019)