Phevos **Paschalidis**

COLEGE STUDENT · HARVARD COLLEGE

Cambridge, MA

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Education

Harvard College
Cambridge, MA

A.B. CANDIDATE IN COMPUTER SCIENCE
Sep. 2021 - Present

- Relevant coursework: Theoretical Linear Algebra (Math 25a), Introduction to Algorithms and Limitations (CS120), Real Analysis (Math 25b), Data Structures and Algorithms (CS124), Abstraction and Design in Computation (CS51), Probability and Statistics (STAT110, in-progress), Systems Programming and Machine Organization (CS61, in-progress)
- GPA 4.0

Boston University
Boston, MA

TOOK CLASSES WHILE IN HIGH SCHOOL
Sep. 2018 - May 2021

- Relevant coursework: Linear Algebra (CAS MA242); Differential Equations (CAS MA 226); Computer Science (CAS CS111, CAS CS112; CAS CS131); Physics (CAS PY211, CAS PY252); Biology (CAS BI108) Neuroscience (CAS NE101); Economics (CAS EC101).
- GPA 4.0

Boston University Academy
Boston, MA

HIGH SCHOOL
Sep. 2017 - May 2021

- High Honors Thesis Title: "Optimizing a Microgrid"
- Summa Cum Laude

Other Coursework
Saratoga Springs, NY; Princeton, NJ

COMPLETED
Sep. 2017 - present

- The Analytics Edge (Machine learning, statistics, optimization). MIT edX on-line course.
- Macroeconomics and the Global Economy, Skidmore College, Course in the Center for Talented Youth Program, Johns Hopkins University.
- The Mathematics of Competitive Behavior, Princeton University, Course in the Center for Talented Youth Program, Johns Hopkins University.

Work Experience

Massachusetts Institute of Technology
Boston, MA

RESEARCH ASSISTANT
May. 2022 - present

- Working Paper: Investigating interpretable machine learning techniques for predicting post-operative pacemaker outcomes following TAVR (Transcatheter aortic valve replacement) surgery and prescribing optimal valve manufacturer for minimizing risk of pacemaker outcomes pre-operatively.

Harvard College
Cambridge, MA

TEACHING FELLOW
August. 2022 - present

- Teaching fellow for Introduction to Algorithms and their Limitations (CS120).

Trademark Tours
Cambridge, MA

TOUR GUIDE
May. 2022 - present

- Tour guide for Trademark Tours.

Leadership & Community Outreach

BUA Student Council
Boston, MA

PRESIDENT (2020-2021) & HEAD OF POLICY SUBCOMMITTEE (2019-2020)
Sep. 2018 - May 2021

- Wrote and Passed an Early Release Proposal suggesting a shortening of the school day on Friday.
- Instituted a Book Swap Program to make BUA and BU textbooks affordable.
- Contributed to the passing of a new school dress code.
- Worked closely with the administration to discuss Black Lives Matter @ BUA including (1) Distributing a survey regarding Diversity, Equity, and Inclusion; (2) Extrapolating themes from that survey; (3) Presenting our findings to faculty and students.

Select Honors & Awards

May 2020	**Recipient**, Harvard Book Award.
Feb. 2019	**Best Position Paper**, Boston University MUN Conference (BOSMUN).
Nov. 2018	**First-Place Prize**, Regional Hellenic History Tournament.
July 2018	**First-Place Prize**, International Hellenic History Competition.
Sep. 2018	**Recipient**, Conservatory Scholarship of Powers Music School.
April 2017	**Summa Cum Laude**, National Latin Exam, Latin 1.
Sep. 2017	**Recipient**, Conservatory Scholarship of Powers Music School.

Publications

CONFERENCE PAPERS

Optimizing a Microgrid

PASCHALIDIS P.

2021 IEEE MIT Undergraduate Research Technology Conference (URTC) 2021

Skills

Programming	Python, Java, C++, OCaml, LaTeX
Languages	English, Greek, Spanish