Harry Prevor

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Website: https://habs.sdf.org/

Prospective computer scientist and writer interested in DevOps, GNU/Linux, system administration, and security

Computer skills

GNU/Linux, C, Common Lisp, Python, Java, Assembly (x86, MIPS), HTML/CSS/JS, OCaml, LATEX, Shell Scripting, Emacs

Projects

Sep 2018 - May 2019   **Developer**, *Townhall Project*, Philadelphia, PA.
Created online platform for stakeholder democracy for Penn Engineering Senior Design, recipient of the Societal Impact Award $1000 prize

Dec 2018 - Apr 2019   **Author**, *GSA League Tracker*, http://sbah.sdf.org/.
Developed automated system for tracking and summarizing league performances for the Global Speedrun Association, creating statistics that were later featured at a live event in Laurel, Maryland

May 2018 - Present   **Developer**, *WikiTrackBot & Wiki Athletics Contributions*, https://w.wiki/4Wm.
Ongoing bot campaign to add over one million track and field performances to Wikipedia and Wikidata, created hundreds of athletics Wikipedia pages, the most ambitious data collection project in track and field

Dec 2016   **Author**, *McCarthy Math*, https://habs.sdf.org/mccarthy-math/.
Explored the implications of list-based arithmetic and derived base-10 representation and several operations from only primitive LISP functions with no numerical datatype

Aug 2016   **Programmer**, *TrackBot*, https://habs.sdf.org/trackbot/.
Created "TrackBot" from scratch, a web crawler that has already scanned over 500,000 LetsRun.com forum posts and uses logic and database queries to provide an automated response to requests such as obtaining the best marks of an athlete, comparing two athletes via head-to-head record, and more

Education

Aug 2015 - May 2019   **Coursework in Computer Science**, *University of Pennsylvania*.
Studied Computer Science and Engineering in the School of Engineering and Applied Sciences

June 2015   **High School Diploma**, *Syosset High School*, Syosset, NY.
Honor Roll student, National Honor Society member, AP Scholar with distinction, National Merit commended student

Relevant Completed Coursework

Operating Systems, Computer Architecture, Data Structures and Algorithms, Mathematical Foundations of Computer Science, Programming Languagues and Techniques

Experience

Jun 2017 - Dec 2017   **Editorial Intern**, *FloSports*, Austin, TX.
Wrote code and developed several automation and data collecting scripts, authored over 100 articles for FloTrack and FloSports verticals, reported and performed in videos and podcasts on professional track and field

Sep 2016 - Dec 2017   **Communications Chair**, *USA Track and Field Mid-Atlantic Association*, Mid-Atlantic Region.
Tasked to handle communications with over 5,000 members in USA Track and Field's largest association, discussed board issues

Dec 2015 - Dec 2017   **President, Vice President and Secretary**, *Penn Running Club*, Philadelphia.
Was elected as a freshman to the Executive Board, wrote weekly running newsletters, recruited sponsors for and was the race director for the nation's largest fall collegiate club track meet, handled communication and logistics for the club

Feb 2014 - Feb 2016   **Site Administrator and Operating System Maintainer**, *gNewSense GNU/Linux Operating System and GNU Project*.
Designed various aspects of the operating system's website home page and edited the wiki. Handled bugs reported online for the gNewSense operating system and website

Apr 2016 - May 2019   **Event Coordinator**, *Penn For Privacy*, Philadelphia.
Organized logistics for a "Copyright and Community" presentation by Free Software Foundation's President, Richard Stallman

Jan 2016 - Dec 2017   **Vice President and Secretary**, *Penn Sport Club Council*, Philadelphia.
Elected to handle logistics and communications between all sport clubs and administration at the University of Pennsylvania, drafted the 2016-17 Penn Sport Club Handbook

Jul 2016   **Representative**, *Free Software Foundation*, New York City.
Represented the FSF in New York at the HOPE conference, working directly with Richard Stallman to promote software freedom and inform conference members

Dec 2015 - Jan 2017   **Winter Conference Host Committee Member**, *National Intercollegiate Running Club Association*, Philadelphia.
One of two students from Penn appointed to the nine-member national committee that reserves space and plans meals and activities for the annual NIRCA Winter Conference. Was selected as a keynote speaker at the 2017 conference

Aug 2016 - Dec 2016   **Assistant Director**, *Sayre High School Running Club*, Philadelphia.
Worked weekly at Sayre High School to found their first ever athletic club, instructing underpriviledged students

Aug 2016   **Athletic Supervisor**, *The Running School*, Swan Lake, NY.
Worked with high school and middle school runners at an instructional camp to teach them how to improve in the sport and provided technical assistance