David Fridlander 🔗

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Summary:

Hard-working, driven, ambitious prospective graduate seeking for an entry level position as software engineer, where I can utilize my experience, passionate about learning and building software. Many years of being a part of a team and working with others, combined with academic fortitude (**3.65 GPA**) has provided a very strong work ethic shown below.

Employment:

SWE intern, Lawrence Livermore National Lab   May-August, 2020 & May-August 2021
- Internship goal was to research and explore performance optimizations of OpenMP
- Built a search space to determine the optimal configuration using a variety of systems, compilers and dataset sizes for the provided benchmark
- Performed data analysis on the results to learn performance characteristics
- Designed and wrote a research poster to summarize initial results 🔗
- As part of the work, contributed to the following open-source software 🔗
- Final paper is expected to be submitted (Dec '21) to an international conference

Research Assistant, The University of Utah   May 2019 - Present
- Assistant to the Director of the School of Computing, contributing to an autotuning framework program
- Implemented benchmarks to evaluate computation performance across various environment and using different offloading strategies 🔗
- Contributed to the final paper to the International Supercomputing Conference High Performance 🔗

Education:

The University of Utah (expected December 2021)
Bachelor of Science in Computer Science **3.65 GPA**
Relevant Courses: Algorithms, Machine Learning, Artificial Intelligence, Parallel Programming, Computer Security, Programming Languages

Skills:
- Working Proficiency: Python, C++, C, Java, C#, Java, HPC, Linux, Shell Programming, Visual Studio, Eclipse, Bash Scripting
- Familiarity: Assembly, Racket, HTML
- Fluent in **English, Hebrew and Russian**
- Highly skilled in learning technical subjects
- Committed to efficient methods and task completion

Leadership and Awards:
- University of Utah **Dean's List**: >3.5 GPA for a full-academic term
- Academic All-American Award
- Full Athletic Scholarship at the University of Utah
- Israeli National Champion (Swimming)
- Represented the Israeli national team in the European Championship (Swimming)