Peter M. Stirpe

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OBJECTIVE

To obtain an internship that utilizes my Computer Science skills and provides an opportunity for growth and learning.

EDUCATION

University of Maryland	**College Park, MD**
College of Computer, Mathematical and Natural Sciences	GPA: 3.0
Bachelor of Science, Computer Science	Spring 2019 (Expected)

Suffolk County Community College (SCCC)	**Selden, NY**
Fall 2016	GPA: 3.8

Shoreham Wading-River High School	**Shoreham, NY**
Graduated in 2015	GPA: 3.5
Received: **NYS Regents diploma with Honors**	

WORK EXPERIENCE/SERVICE

Town of Brookhaven

Lifeguard   **Summers 2014-2017**

- Worked full time in various pools and beaches. (Cedar beach, Shoreham Beach, Brookhaven Aquatic center, Holtsville Ecology Center)
- Red Cross certified in Blood borne Pathogens Training, Administering Emergency Oxygen, Lifeguarding/ First Aid/CPR/AED, and Waterfront Skills.
- Participated in a "Run Swim Run" (1 mile followed by a 1.5 mile run race) all 4 years.

Boy Scouts of America – Shoreham NY (400+ hours)   **2004 – 2015**

- Joined in the 2nd grade and served until a senior in high School
- Eagle Scout - earned the rank of Eagle Scout, March, 2014 after completing Eagle project consisting of 140+ hours of service.

PROGRAMMING EXPERIENCE

Languages: Java, C, Assembly, Ruby, Ocaml

General Use: Eclipse, Vim, Emacs, CVS, Unix, Windows and Mac OS, Microsoft Word/Excel/PowerPoint

- Using C: Created an interactive shell which included retrieving parsed commands and using input/output redirection to execute any command specified in the proper order.
- Using Assembly: Translated many functions written in C to assembly (including recursive functions). This involved changing stack pointers, pushing and popping stack frames, and manipulating registers to act as arrays etc…
- Using Java: Implemented various data structures including but not limited to Lists, stacks, queues, trees, heaps, sets, and graphs.
- Experience with multithreaded programming in both Java and C (with and without synchronization).

SKILLS/INTERESTS

Interests:

- Playing (guitar, ukulele, saxophone) and listening to music
- Boating/hiking/camping/snowboarding/water skiing
- Playing soccer/running

Skills:

- Good interpersonal capability and trustworthy
- Fast learner with a positive attitude
- Organized, accurate and detail oriented
- Good listener and leader