

Peter Schaedler

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Experience

Lehigh Iacocca International Internship Program in Nagoya, Japan **Nagoya Institute of Technology Research Intern**

Summer 2016

Worked with computer science professor and graduate students at a Japanese university on collective intelligence research. Learned web application code base and translated some UI elements from Japanese to English.

Lutron Electronics, Inc. Software Engineering Intern/Co-op

Summer 2015

Worked with back-end Microsoft SQL Server database design and implementation as well as Windows desktop application design and implementation in Visual C#. Worked with various teams to create a helper tool to be used by all in-house developers.

Lehigh University Head Teaching Assistant for Engineering Programming Class

2014–present

Assists students with programming assignments, holds office hours, and does grading for Lehigh's ENGR 10 (Applied Engineering Computer Methods) class.

Lehigh University Music Library Supervisor

2014–2015

Sorts, organizes, and files music; checks out and in music books and scores; and provides convenient access to written and audio materials for students and faculty. Often given high-importance tasks requiring trust and extreme attention to detail.

Lehigh Mountaintop Project Experience

Summer 2014

Summer research project: part of a small team that made a short documentary-fiction hybrid film about acclaimed Polish poet Wisława Szymborska. Depicts the poetry and personality of Szymborska through short interpretive films. Took part in planning, filming, and editing stages of production.

Education

Lehigh University – Bethlehem, PA

2013–present (expected 2017)

Pursuing **B.S. in Computer Science** from the P.C. Rossin College of Engineering and Applied Sciences
and **B.A. in Music** with a concentration in Clarinet Performance
Minor in Japanese Language

Current GPA: **3.34/4.00**

GRE Scores: Verbal Reasoning: **154** (64th percentile), Quantitative Reasoning: **165** (89th), Analytical Writing: **4.5** (82nd)

Skills

- **Programming Languages**
 - Confident: C, Java, HTML, CSS
 - Some Experience: C++, C#, JavaScript, SQL, Ruby, Python, Perl, Bash, Haskell, vi, Go
- Familiarity with **Agile software development** and **Scrum** workflows
- **Instruments**
 - Main: Clarinet, Oboe
 - Other: Flute, Alto/Tenor Saxophone, Percussion
 - For Fun: Guitar, Ukulele, Piano, Recorder
- **Conversational Japanese** and Elementary Spanish language abilities
- **Photo, video, and audio editing** abilities (with software such as Final Cut Pro X and Audacity)

Achievements

- Winner of Friends of Music of Bethlehem Outstanding Young Musician Award 2015
- Winner of 2014 Lutron Lehigh vs. Lafayette Programming Competition
- Recipient of Maestro Award at Heritage Music Festival 2012 in Chicago
- Shotokan Karate Black Belt