Anthony Pilotte

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Education

University of New Hampshire (Durham) *09/2017 - Present*
- B.S. in Computer Science (anticipated graduation: 05/2021)
- Current Overall GPA: 3.86

Goffstown High School *09/2013 - 06/2017*
- Attended advanced placement courses and graduated with honors

Work Experience

UNH InterOperability Laboratory *06/2017 - Present*
Senior Software Developer & Broadband Technician
- Lead of the Test Sentinel test automation software development team:
  - Create, manage, and assign tasks to other developers
  - Teach and mentor new employees to use Git, BitBucket, Jira, and WPF
  - Ensure Test Sentinel customers are satisfied
- Co-designer & lead developer of a domain-specific programming language within Test Sentinel, allowing for test script automation
- Attended the 2018 Broadband Forum Montreal meeting
- Experienced with basic network configuration (routers, switches, etc.)
- Experienced with configuring DSL, Gfast, DOCSIS, and Wi-Fi technologies
- Experienced with implementing various Broadband Forum tests:
  - TR-114, TR-115, TR-105, TR-67, TR-100, ID-337, TR-398
- Progressed through all three hourly employee ranks within 2 years
- Teaching assistant for the 2020 Innovation Scholars class

New Hampshire Soccer Association *09/2012 - Present*
USSF Soccer Referee
- Reinforce the rules and safety regulations for youth and adult leagues
- Lead and communicate clearly with the crew, players, and coaches

UNH InterOperability Laboratory *06/2016 - 08/2016*
DSL Consortium Summer High School Intern
- Developed a VB.NET-to-PHP serialization library for Test Sentinel
  - Still in use today, with no failures or changes to date
- Learned how to use Git, BitBucket, and Jira systems efficiently

JCPenney (Mall of NH) *09/2016 - 04/2017*
Sales Floor Associate
- Assisted customers and completed transactions

Languages

- **Fluent:**
  - Java
  - VB.NET (with WPF)
  - C# (with WPF)
  - Python
- **Proficient:**
  - C / C++
  - MySQL
  - PHP
  - HTML/CSS/Javascript (NodeJS)

Applications & Tools

- Git
- BitBucket
- GitHub
- Jira
- Microsoft Visual Studio
- Spirent Test Center
- Wireshark
- iPerf

Other Projects

- Develop and maintain multiple websites (see below)
- Participate in various game programming competitions
- Volunteered at the Goffstown Network Food Pantry

For project links and additional information please visit:
https://tpillow.github.io/

References Available Upon Request