Boris Valerstein

Wayne, PA 19087

bv49@drexel.edu
(267) 269-4626

Educational Experience

Drexel University Philadelphia, PA
Assistant Teaching Professor December 2019 to Present
Adjunct Professor September 2018 to December 2019

- Teaching my custom-built course on Test Driven Development and eXtreme Programming
- Created SE 181, a required course for BS CS/SE students that teaches TDD and Agile process
- Created several MSSE courses from scratch: CS 504, SE 570, SE 575, SE 572, SE 691
- Taught undergraduate and graduate software design courses
- Member of the Software Engineering committee and Academic Integrity Committee

Bucks County Community College Newtown, PA
Adjunct Instructor August 2016 to Present

- Lectured students on Java and worked with individual students to improve understanding
- Developed course material and curriculum, including quizzes, tests, assignments, and projects

Penn State University Abington Abington, PA
Adjunct Instructor January 2018 to April 2018

- Taught self-developed course on Test Driven Development and eXtreme Programming
- Worked with consultants and professionals for over 5 years to develop custom built course
- Developed course material and curriculum, including quizzes, tests, assignments, and projects

The College of New Jersey Ewing Township, NJ
Guest Lecturer September 2014 to Present

- Lectured on The Benefits Of Being Agile to multiple classes of undergraduate seniors
- Taught Waterfall, Agile, Test Driven Development, Extreme Programming, and other paradigms
- Led classroom discussion in evaluating software development practices

Software Industry Experience

Vanguard Group Malvern, PA
Coach (TDD / Agile / XP) January 2017 to Present

- Converted to full time Global division Technical TDD Coach with emphasis on Agile and Shift Left
- Consult with teams of varying disciplines on best software engineering craftsmanship techniques
- Created Vanguard-wide guidelines for requirements gathering to optimize internal Agile process

Vanguard Group Malvern, PA
Software Developer / Mobile Developer June 2013 to January 2017

- Prototyped mobile (Android) redesign of company website and presented to senior staff
- Collaborated in an Agile environment with multiple teams in a test driven development paradigm
- Recognized by senior staff for leading the module health improvement initiative
- Promoted to develop Portfolio Management Tool and lead TDD initiatives in the Global division

AWeber Communications Chalfont, PA
Software Developer March 2011 to April 2012

- Developed and maintained AWeber's Public API (Python)
- Developed projects using test driven development (TDD)

Boris Valerstein

Wayne, PA 19087

boris@borisv.me
(267) 269-4626

Education

Pennsylvania State University   Malvern, PA
Master of Software Engineering   May, 2016

Drexel University   Philadelphia, PA
Bachelor of Science in Computer Science   June, 2013
Concentrating on Software Engineering and Human-Computer Interaction
Minors in Software Engineering and Communication
Cumulative GPA: **3.89, Salutatorian, Magna Cum Laude**

Skills

Programming: **Java**, **Python,** C++, C, C#, Perl, Basic, UNIX, JavaScript, PHP, CSS, HTML, Drools
Software: Microsoft Visual Studio, Office Suite, & SharePoint; Eclipse; Canvas, Blackboard
Language: Fluent in **Russian**
Certificate: Claritas® Investment Certificate (2015)

Volunteer and Community

- Big Brothers Big Sisters member
- United Way event volunteer and organizer for Vanguard campus events
- Volunteer Income Tax Assistance certified tax preparer

Activities

Upsilon Pi Epsilon - Honor Society, Member   United States Chess Federation Rating: 1518

Phi Theta Kappa - Honor Society, Member

References

Yuanfang Cai   yfcai@cs.drexel.edu
Head Software Engineering Graduate   3675 Market St
Drexel University   Philadelphia, PA
CCI 1178   (215) 895-0298

Dr. Larry Pearlstein   pearlstl@tcnj.edu
Professor, Electrical and Computer Engineering   2000 Pennington Rd
The College Of New Jersey   Ewing Township, NJ
130B Armstrong Hall   (267) 566-5699

Jeff Salvage   jks29@drexel.edu
Professor, Computer Science   3675 Market St
Drexel University   Philadelphia, PA
CCI 1162   (215) 895-2679