

nicklee

curriculum vitae

contact

College Ring 6
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Germany

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travel

united states citizen
german residence permit

languages

english native speaker
conversational german

programming

Python (advanced)
C (advanced)
C++ (proficient)
Java (advanced)
PHP (basic)
BASH Script (proficient)
OCaml (proficient)
Scala (basic)

software

Apache Kafka
Apache Samza
Hadoop YARN
Apache Spark
Elasticsearch & Kibana
Protocol Buffers
JSON
Redshift
SQL
Flask
Django
Amazon Web Services
Linux (Arch, CentOS,
Debian)
LAMP, KVM
btrfs, zfs, md-Raid
Burp Suite, ZAP
JUnit, Swing
TCP/IP

education

- 9/2013-Now **JACOBS UNIVERSITY BREMEN** Bremen, Germany
Bachelor of Computer Science
2.08 GPA (German Scale)
Focus in networking and web development.
Expected graduation in June 2016
- 9/2009-6/2013 **UPPER MERION AREA HIGH SCHOOL** King of Prussia, PA, USA
3.99 GPA, Graduating Distinguished Scholar, AP Scholar with Distinction
AP Courses: Computer Science, Biology, Calculus, Chemistry, Physics

employment

- 9/2015-1/2016 **JACOBS UNIVERSITY BREMEN** Bremen, Germany
Teaching Assistant - Computer Networks & Programming in Java
- 6/2015-9/2015 **SKYSCANNER LTD.** Barcelona, Spain
Software Engineering Intern - Hotels
Developed logging and analytics system for hotel pricing, sort placements, and partner metrics based on Apache Kafka, Apache Samza, and Elasticsearch, greatly improving the potential for data reuse and optimisation of queries to partners.
- 4/2013-Now **FREELANCE EVENT PHOTOGRAPHER** Barcelona, Spain
Photographed concert, dance, and social events on and around campus.
- 9/2014-1/2015 **JACOBS UNIVERSITY BREMEN** Bremen, Germany
Teaching Assistant - Programming in C I & Programming in Python I
Assisted with in-lab instruction, conducted tutorials to aid in understanding of the material, and graded assignments and tests. Additionally coded a bash script that increases grading efficiency.
- 6/2014-9/2014 **BTC - BUSINESS TECHNOLOGY CONSULTING** Oldenburg, Germany
Information Security Intern
Developed WHOIS scraper with measures to avoid captchas using bash and Python. Wrote attack manual focused on protecting user information at a network and application level in addition to proof of concept demonstrations.

extracurriculars

- 1/2014-03/2015 **UNDERGRADUATE STUDENT GOVERNMENT @ JACOBS UNIVERSITY** Bremen, Germany
Vice President
Co-chaired semi-weekly parliamentary meetings and conducted kickoff meetings for new projects with university administrators. Focus on communication and collaboration between administration and student body.
- 1/2005-8/2013 **BOY SCOUTS OF AMERICA / UNAMI LODGE, ONE** Philadelphia, PA, USA
2012-2013 Lodge Treasurer, 2011-2012 Senior Patrol Leader
Conducted weekly instructional meetings and led monthly campouts for a growing troop of 70 scouts, and ran event photography for the Unami Lodge for three years.

awards

- 2015 **Grand Winner** JacobsHack, Bremen, Germany
Development of Butterknife "Swiss Army Knife" for Android
- 2015 **Best Use of SkyScanner API** KairosHacks, Barcelona, Spain
Developed a Python wrapper for SkyScanner's API
- 2014 **Eagle Scout** BSA Troop 551, King of Prussia PA