

Ahmet K. Yilmaz
ahmetkyilmaz@gwu.edu
tel: 650-7995574

EDUCATION

2016-2020: George Washington University, Washington, D.C.

Bachelor of Science in Computer Science, GPA: 3.51/4

Some Courses: Software Engineering, Data Structures, Algorithms, Database Systems, Computer Architecture

TECHNICAL SKILLS

- Programming languages: C, Java, HTML, MatLab, R, Flex and Bison
- Databases: SQL, Visual Studio
- Operating Systems: Windows, Unix, Linux, Ubuntu on VirtualBox
- Version Control: GitHub

PROGRAMMING EXPERIENCE:

Fall 2018:

- Wrote mini-Pascal Compiler using Flex and Bison
- Wrote Java code to complete assignments on advanced topics such as multiway trees, 2D-hashing, multiple TSP problems, pattern matching

Spring 2018:

- Implemented Database Management System for Hotel Management using SQL and Visual Studio

Fall 2017:

- Created an on-line store selling a product, and using servlets to register customers, track purchases and customer accounts

Spring 2015:

- Implemented different solutions for 3x3 Eight Puzzle Game, and wrote a research paper titled *“Empirical Evaluation of Some Heuristic Search Algorithms for 3x3 Eight Puzzle Game”*
- Won 3rd place medal in the category of Systems Software at Fairfax County Regional Science & Engineering Fair

WORK EXPERIENCE:

2017: Lab Technician, SEAS Computing Facility, Washington, DC

- Assist students, faculty, and staff with technical issues in person, over the phone, and email

2017: Web developer/maintainer at George Mason University, Ali Vural Ak Center, Fairfax, VA

2016: Vector Marketing Corporation, Fairfax, VA

- Explored opportunities for software support to improve marketing experience of sales representatives

2015: Intern at Foundation for Political, Economic, and Social Research (Washington, D.C. SETA)

- Assisted with research, data gathering and analysis of current events for projects

HONORS and AWARDS

2017-2018 Sigma Alpha Lambda: National Leadership and Honors Organization Membership

2017: Dean’s List at George Washington University

2016-present: Awarded by annually renewable Presidential Academic Scholarship

2016-present: Member of Scholars in Quantitative & Natural Sciences Program at George Washington University

CLUBS/ORGANIZATIONS

2017-2018 Member of Sigma Alpha Lambda
2018-2019 Member of CS Projects Group - GW Labs.
2016-2017 Member of Robotics Club
2016-2018 Member of Data Collective Club

VOLUNTEERING

2017: NBC 4 Health & Fitness EXPO, The GW Transplant Institute, GW Ron & Joy Paul Kidney Center and GW/MOTTEP

- Performed blood pressure screening (15 hours)

2017 Summer: DCA (a non-profit organization), Lanham, MD

- Greeted and assisted the guests, directing them to appropriate location or information source as an information desk attendant (40 hours)

2016: ACH Inc. Berkeley Community Center Summer Camp, Arlington, VA

- Helped with tutoring of 20 underprivileged children (19 hours)

2015: Fairfax Public Library, Fairfax, VA

- Assistant librarian (12 hours)

2014: Capital Area Food Bank as a Staff/Assistant, Lorton, VA

- Processed a thousand applications for food assistance per eligibility criteria (10 hours)

LANGUAGES: English (Native), French (Advanced), Turkish (Intermediate),

INTERESTS: International travel, cultural experience, scientific research and innovation