

AHMET K. YILMAZ

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EDUCATION

George Washington University, Washington, DC.

May 2020

Bachelor of Science in Computer Science, Magna Cum Laude (GPA: 3.63/4)

Courses: Introduction to C Programming, Algorithms&Data Structures, Software Engineering, Algorithms, Continuous Algorithms, Systems Programming, Computer Architecture I, Discrete Math I & II, Database Systems, Operating Systems, Data Mining, Into to Artificial Intelligence, Software Design for Handheld Devices, Capstone Design Project I & II.

TECHNICAL SKILLS

- **Programming languages:** C, Java, HTML, JavaScript, Android Development with Kotlin
- **Databases:** SQL Server, MySQL, Visual Studio
- **Operating Systems:** Windows XP, 7 and 8, UNIX, LINUX, Ubuntu on VirtualBox, XV6
- **Data Mining:** Weka Explorer, R
- **Version Control:** GitHub
- Microsoft Suite
- Arduino, Fritzing, Raspberry Pi

SELECTED PROJECTS

CSCI 4243W Capstone Design Project I and CSCI 4244 Capstone Design Project II

Fall 2019-Spring 2020

- Designed and implemented mobile app portion of AnyShare Project to realize sharing/renting practically anything.

CSCI 4237 Software Design for Handheld Devices

Fall 2019

- Designed and implemented a mobile app to help GWU students discover locations of a desired set of cuisines near campus.

CSCI 3411 Operating Systems

Fall 2019

- Modified xv6 operating system to add functionalities such as 1-to-1 threads and synchronization.

CS699 Data Mining

Summer 2019

- Using raw public data downloaded from the Centers for Medicare & Medicaid Services website, developed a classifier model with Weka Explorer to assign 1 through 5 start rating to 4573 hospitals to allow patients to make informed decisions.

WORK EXPERIENCE

Gryphon Networks, Toronto, Canada

July-August 2019

- **Summer Intern:**
Researched crypto support of Trustzone on ARM platform to improve security of the systems at low cost.

SEAS Computing Facility, Washington, DC

January-May 2017

- **Lab Technician:** Troubleshooted technical issues encountered by students, faculty, and staff.

George Mason University, Ali Vural Ak Center, Fairfax, VA

July-August 2017

- **Web Developer/Maintainer:** Kept the content of the department website up to date.

Vector Marketing Corporation, Fairfax, VA

June-August 2016

- **Software Support:** Provided software support to improve marketing experience of sales representatives.

Foundation for Political, Economic, and Social Research, Washington, D.C.

June-August 2015

- **Intern:** Researched and analyzed collected data related with current events for projects.

HONORS and AWARDS

Dean's Honor Lists, Presidential Academic Scholarship by GWU, Sigma Alpha Pi: The National Society of Leadership and Success (NSLS), Sigma Alpha Lambda: National Leadership and Honors Organization.

ORGANIZATIONS GW Data, GW Tech Collective, ACM Student Chapter at GWU, Robotics Team, GWU Turkish Student Association

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