M Bedir **Tapkan**

SOFTWARE ENGINEERING STUDENT · AI-MACHINE LEARNING ENTHUSIAST

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"Close your eyes, open your mind."

Summary Of Qualification

- Eager to delve in to the field of artificial intelligence. Main area of study is Artificial Intelligence and Machine Learning.
- Working on MetaLearning with a research team at the University of Houston.
- Possess designer skills, which differ from those of other computer scientists.
- Rather than Black and White academia mentality, thinks that everything has some colors that belong to it.
- Have been in many leadership positions: Leader of iOS Development lab, organized several big events, organizer of a meet up group, The ACM Chair of the North American university.
- Loves learning new things
- Proposed various marketing and network activities to raise awareness.

Technical Skills

- **Expert:** Python · C++ · Algorithms · UNIX · GitHub · Adobe Illustrator · Adobe Photoshop
- **Advanced:** C · R · Linux · Git · Pandas · Numpy · Scikit-Learn · Java · LaTex · Swift · Flask · Xcode · HTML/CSS

Experience

University Houston
Stafford, TX, USA

UNDERGRADUATE RESEARCH ASSISTANT
Jan. 2017 - Sep. 2017

- Working on equation discovery, machine learning concepts for physics.
- **Supervisor:** Dr. Ricardo Vilalta

ACM (Association for Computing Machinery)
Stafford, TX, USA

CHAIR & VICE CHAIR & LAB LEADER & SENATOR
Sep. 2015 - PRESENT

- Increase campus involvement with Computer Science as Student Chapter Chair through organizing daily meetings, events, and connecting students to industry knowledge and professionals.
- Plan events including company site visits, guest industry speakers, Hackathons, Capture the Flag competitions, and professional development events for the community.
- Expand knowledge and skills across fields for both broad and in-depth learning by working with specific fields of Computer Science and industry professionals
- Represent the organization as Senator in weekly Student Government Association meetings. *(Former Position)*
- Lead the iOS Development Lab within the ACM chapter, and serve as member of Artificial Intelligence Lab & Algorithms lab. *(Former Position)*

Momentum Learning
Houston, TX, USA

TEACHING ASSISTANT
June 2017 - July 2017

- Was working with Mr.Zhang to teach Java Programming to 16 kids from 10 to 18.
- **Tools:** Java, Eclipse
- **GitHub Repository:** https://github.com/BedirT/Momentum_Java_Class

MLRPro - Machine Learning Resume Processor
Houston, TX, USA

SOFTWARE DEVELOPER + DESIGNER
April 2017

- A tool that evaluates the submitted resume, according to data that used to feed the machine learning algorithm behind the scene, and gives result that if the submitted resume is qualify enough to apply top companies.
- **Tools:** Python, Flask, HTML/CSS, Adobe Illustrator
- **Website:** http://mlrpro.com
- **GitHub Repository:** https://github.com/MichaelMMeskhi/MLRP

Scholar Development Center
Houston, TX, USA

DEVELOPER & GRAPHIC DESIGNER
February 2015

- Led, organized, and implemented a project that helped students achieve increased awareness for academic success, encouraged career readiness, and improved career opportunities through mentor program.
- **Tools:** Moodle System, Adobe Illustrator

Connect Aid - **Web Application**   *Houston, TX, USA*

GRAPHIC DESIGNER   *October-December 2015*

- Connect Aid is a non-profit online platform that makes specific and flexible volunteering possible.
- **Tools:** Adobe After Effect, Adobe Illustrator

Recipe - **Mobile Application**   *Houston, TX, USA*

DEVELOPER & GRAPHIC DESIGNER   *October-December 2015*

- Worked in a team of four to develop an iOS application for people to find out what meal they can cook with the ingredients they have.
- **Tools:** Swift 2.0, Xcode, GitHub, Git, Adobe Illustrator, Adobe Photoshop

Algorithms ACM-ICPC Curriculum   *Stafford, TX, USA*

ORGANIZER & DIRECTOR & DEVELOPER   *October-December 2015*

- **Tools:** C++, Java, C, Python, Git, Github
- Created a Curriculum that helps people study Algorithms, and prepare ACM-ICPC contest. Used already exist information in addition to own explanation about the algorithm. Added questions about the topic and solutions.
- **Github Repository:** https://github.com/NAU-ACM/ACM-ICPC-Preparation

Education

NAU (North American University)   *Stafford, TX, USA*

B.S. IN COMPUTER SCIENCE   *Sep 2015 - PRESENT*

- **Overall GPA:** 3.84 **Major GPA:** 3.96
- **Key Courses:** Intro to Computer Science I & II (C, Java) · Systems Programming · Data Structures · Algorithms · Web Application · Calculus I & II · Discrete Mathematics · Statistics · Number Theory · Database Systems · Computer Organization · Operating Systems · Programming Languages

Additional Activities

2017	**Organizer & Director**, HackNAU - 2017 | 60+ Attendees hosted	*Houston, TX, USA*
2017	**1st place**, MLH HackHouston 2017 Best Project Overall and Best Machine Learning Project	*Houston, TX, USA*
2016	**Organizer & Director**, iHackathon | 30+ Attendees hosted	*Houston, TX, USA*
2016	**Organizer & Co-Director**, NAU - Moonlight CTF 1	*Stafford, TX, USA*
2016	**18th place**, ACM-ICPC Regional Contest	*Waco, TX, USA*
2015-...	**Member in ACM Labs**, Artificial Intelligence, ACM-ICPC, iOS Development	*Stafford, TX, USA*
2015-...	**Graphic Designer**, NAU Communications Club, NAU Future Leaders Club	*Stafford, TX, USA*