Batuhan Mekiker

Resumé

Education

2018–Present **Ph.D.**, *Montana State University*, Bozeman, MT, *N/A*.
Computer Networks and Network Protocols

2016–2017 **M.Eng.**, *Montana State University*, Bozeman, MT, *3.65*.
Telecommunication

2011–2015 **B.Sc.**, *Kadir Has University*, Istanbul, TR, *3.47*.
Electronics Engineering
- 2012 Fall, Exchange Student, Technical University of Denmark, Copenhagen, DK,

Experience

2019–Present **Product Development Intern**, *Beartooth Radio Inc.*, Bozeman,
Improving Existing Communication Protocol and Designing and Developing a new Relay Network Protocol for Beartooth Radios.
Achievements:
- Relay Protocol
  - Packet Implementations
  - Design of the Protocol and Implementation
  - Test Bed.

2018–Present **Graduate Research Asst.**, *Montana State University*, Bozeman.

2017–2018 **Graduate Teaching Asst.**, *Montana State University*, Bozeman.

2014 **Test Engineer Intern**, *Sky Atlas*, Istanbul.

Languages

Turkish Native

English Full Professional Proficiency

Computer skills

Basic Java, Kotlin, OMNET++

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Intermediate	LaTeX, Python, Wireshark, Shell Scripting, MATLAB, JavaScript, PostgreSQL
Advanced	C++, Git, Bash, MS Office

Projects

2018–Present **Beartooth Relay Protocol**,
Beartooth Relay Protocol: Supporting Real-Time Application Streams over LoRa.[1] Inproceedings, INFOCOM 2020.

2017 **Client/Server Architectures: Two Tiered vs. Multi-Tiered Architecture**, *Manuscript. It has not been published..*

2016 **Multi-hop Communication in Vehicular Ad Hoc Networks: A Survey**, *Manuscript. It has not been published..*

2015 **Design of a Visible Light Communication System**,
B.Sc. Thesis.

2014 **Security Based Speech Recognition**.

Interests

Photography, Outdoors, Technology

Publications

[1] Batuhan Mekiker, Jefferson Jones, and Mike P Wittie. Beartooth relay protocol: Supporting Real-Time application streams over LoRa. In *IEEE INFOCOM 2020 - IEEE Conference on Computer Communications (INFOCOM 2020)*, Beijing, P.R. China, April 2020.

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