**Lin Liu**

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**EDUCATION**

**Ph.D., Electrical and Computer Engineering (ECE)***,* **2021**

Binghamton University (**B.U.**), State University of New York

**Dissertation**: PERFORMANCE ENHANCEMENT OF MINIATURE MICROBIAL SOLAR CELLS

**Provost's Doctoral Fellowship** (2017 - 2020)

**Certificate of Recognition for B.U. Graduate Student Community** (2017 - 2019)

**M.S., Instrumentation Science and Technology***,* **2014**

Beijing Institute of Technology

**B.S., Instrumentation Science and Technology***,* **2011**

North University of China

**Scholarship** (2007-2011, awarded to those with top 2% GPA each semester)

**TEACHING** **EXPERIENCE**

***Undergraduate program of Electrical and Computer Engineering, B.U.***

**Instructor:** Supervised undergraduates performing bio - photovoltaic cell fabrication and MFC design

* ECE - Senior Project II lab, 2020
* ECE - Senior Project I, 2016

**Teaching Assistant:** Designed and led weekly lab sections for a group of 200 students

* ECE - Electric Circuits, 2017
* ECE – Electronics, 2016

***Graduate program of Electrical and Computer Engineering, B.U.***

**Teaching Assistant:** Mentored 6 graduate level projects by training students with lab facilities

* ECE - Intro to Bioenergy, 2020

**Student Ambassador:** Hosted ECE orientation breakout session*,* 2018 and 2019

**Grader**

* ECE - Digital Signal Processing I, 2016

**RESEARCH INTERESTS**

* Bioelectronics, Biosensors, and Healthcare devices.
* Bio-MEMS (Micro-Electro-Mechanical Systems) and Microfluidic systems
* Lab-on-a-chip and Point of care (POC) diagnostic devices
* Renewable Energy Harvesting Systems for Ultra-low Power IoT Applications

**PROFESSIONAL** **ACTIVITIES**

**Journal Reviewer:** Worked forJournalChemosphere (Impact Factor: 5.1)

**Lab Manager:** Serve at Bioelectronics and Microsystems Lab of B.U.

**Student Ambassador:** Advise and inform prospective students about B.U. and enrollment