

# Badour AlBahar

ASSISTANT PROFESSOR IN THE DEPARTMENT OF COMPUTER ENGINEERING AT KUWAIT UNIVERSITY

*Sabah Al-Salem University City, Kuwait*

✉ badouralbahar@gmail.com | 📧 BadourAlBahar | 🐦 @BadourAlBahar | 🎓 Badour AlBahar

## Research Interest

I am currently interested in computer vision, specifically controllable image synthesis.

## Education

### Virginia Polytechnic Institute and State University (Virginia Tech)

PH.D. IN COMPUTER ENGINEERING

Advisor: Jia-Bin Huang

Thesis: "Controllable Visual Synthesis."

*Blacksburg, VA, USA*

*August 2018 - May 2023*

### Virginia Polytechnic Institute and State University (Virginia Tech)

M.S. IN COMPUTER ENGINEERING

Advisor: Jia-Bin Huang

Thesis: "Im2vid: Future Video Prediction for Static Image Action Recognition."

*Blacksburg, VA, USA*

*August 2016 - May 2018*

### Kuwait University

B.S. IN COMPUTER ENGINEERING

Distinction with Class Honors

*Khaldiya, Kuwait*

*September 2010 - July 2014*

## Publications

### JOURNAL ARTICLES

Pose with Style: Detail-Preserving Pose-Guided Image Synthesis with Conditional StyleGAN

Badour AlBahar, Jingwan Lu, Jimei Yang, Zhixin Shu, Eli Shechtman, Jia-Bin Huang

*ACM Transactions on Graphics* (2021). 2021

### CONFERENCE PROCEEDINGS

Temporally Consistent Semantic video Editing

Yiran Xu, Badour AlBahar, Jia-Bin Huang

*Proceedings of the IEEE European Conference on Computer Vision*, 2022

Guided Image-to-Image Translation with Bi-Directional Feature Transformation

Badour AlBahar, Jia-Bin Huang

*Proceedings of the IEEE International Conference on Computer Vision*, 2019

## Work Experience

### Kuwait University

ASSISTANT PROFESSOR, COMPUTER ENGINEERING DEPARTMENT

*Sabah Al-Salem University City,  
Kuwait*

*June 2023 - present*

### Meta

RESEARCH INTERN

Worked with Shunsuke Saito, Hung-Yu Tseng, Changil Kim, Xuejian Rong, Ayush Saraf, Johannes Kopf, and Jia-Bin Huang.

*Seattle, Washington*

*January 2022 - May 2022*

### Adobe Research

RESEARCH INTERN

Worked with Jimei Yang, Cynthia Lu, Yang Zhou, Zhixin Shu, and Eli Shechtman.

*San Jose, California*

*Summer 2021*

## Kuwait National Petroleum Company

COMPUTER ENGINEER - COMPUTER OPERATIONS AND ADMINISTRATION, DATA CENTER  
OPERATIONS DIVISION

Ahmadi, Kuwait

February 2015 - July 2016

## Honors & Awards

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### Full scholarship to pursue M.S. and Ph.D. degrees.

KUWAIT UNIVERSITY SCHOLARSHIP PROGRAM

Khaldiya, Kuwait

August 2016

### Valedictorian of the Graduates of Excellence Class of 2013/2014

GRADUATES OF EXCELLENCE CEREMONY CLASS OF 2013/2014 UNDER THE PATRONAGE AND  
PRESENCE OF THE AMIR OF KUWAIT

Shuwaikh, Kuwait

March 2015

### Top 10 students graduating from College of Engineering and Petroleum for the academic year of 2013/2014

GRADUATES OF EXCELLENCE CEREMONY CLASS OF 2013/2014 UNDER THE PATRONAGE AND  
PRESENCE OF THE AMIR OF KUWAIT

Shuwaikh, Kuwait

March 2015

### Dean's Honor list and Outstanding Students list

COLLEGE OF ENGINEERING AND PETROLEUM, KUWAIT UNIVERSITY

Khaldiya, Kuwait

2012 - 2014

### Top Outstanding Student Award

KUWAIT UNIVERSITY

Khaldiya, Kuwait

2012

### Award of Excellence and Creativity from the Amir Sheikh Sabah AlAhmad Al-Jaber Al-Sabah

MINISTRY OF EDUCATION

Khaldiya, Kuwait

June 2013

## Reviewing Activities

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- ICCV (2021, 2023).
- CVPR (2023).
- SIGGRAPH (2022, 2023).
- SIGGRAPH Asia (2023).

## References

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### Jia-Bin Huang (M.S. and Ph.D. advisor)

Capital One endowed Associate Professor

Department of Computer Science

University of Maryland

College Park, Maryland

✉ jbh Huang@umd.edu