OZGUC B. CAPUNAMAN

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EDUCATION

Carnegie Mellon University | Pittsburgh, PA, USA   Aug 2017–*Ongoing*
Master of Science in Computational Design
CGPA: 3.76 / 4.00

Istanbul Bilgi University | Istanbul, Turkey   Sep 2012–June 2016
Bachelor of Science in Industrial Design
GPA: 3.90 / 4.00, High Honors

Robert College of Istanbul | Istanbul, Turkey   Sep 2007–June 2012
Mathematics – Science Diploma
GPA: 80.43 / 100.00

TEACHING & RESEARCH EXPERIENCE

Research Assistant | Pittsburgh, PA, USA   Jan 2017–*Ongoing*
Tooled Deposition of High-Performance Building Components for Post Processing of 3D printed Architectures
Joshua Bard, Dana Cupkova

 a. Developing end of arm tool for 6-axis robotic arm.
 b. Developing material delivery system for concrete deposition.
 c. Robotic arm programming and execution.

Teaching Assistant | Pittsburgh, PA, USA   Fall 2018
Generative Modeling
Joshua Bard

 a. Assignment grading
 b. Recitation and office hour teaching.
 c. In-class teaching.

Teaching Assistant | Pittsburgh, PA, USA   Fall 2017
Generative Modeling
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 a. Assignment grading
 b. Recitation and office hour teaching.
 c. In-class teaching.

PUBLICATIONS

2017	Çapunaman Ö.B., Bingöl C.K., Gürsoy B. (2017) Computing Stitches and Crocheting Geometry. Computer-Aided Architectural Design. Future Trajectories. CAADFutures 2017. Communications in Computer and Information Science, vol 724. Springer, Singapore.

AWARDS & HONORS

2018	Graduate Small Project Help (GuSH) Research Grant
2017	Fulbright Alternate Finalist
2016	Fulbright Scholarship
2015	4th Natural Stone Design Competition – 3rd Prize
	2nd Industrial Food Design Competition – Finalist
2014	1st Industrial Food Design Competition – Finalist
2013	Association of Architecture Education (MIMED) – Jury Special

EXHIBITIONS & WORKSHOPS

2016	Immaterial Labor: Istanbul Bilgi University Graduation Exhibition, *İstanbul Bilgi University, İstanbul Turkey*
	Protoknit: Digital Knitting Workshop, *Instructor, ATOLYE, İstanbul, Turkey*
	AA Istanbul Visiting School Istanbul: Tectonic Symbiosis, *Attendee, Istanbul Bilgi University, İstanbul, Turkey*
2015	AA Istanbul Visiting School Istanbul: Cellular Interventions, *Attendee, Istanbul Bilgi University, İstanbul, Turkey*
2014	ABC, *2nd Istanbul Design Biennial: Academy Program Exhibition, Istanbul, Turkey*
	Design Foundation: Hacked Toys Workshop w/ Gürpınar A., Artut S., *Attendee, Istanbul Bilgi University, İstanbul, Turkey*
	Vernal Workshops: Inertia w/ Hirst L., *Attendee, Istanbul Bilgi University, İstanbul, Turkey*
2013	Vernal Workshops: Design with Origin by The Home Project, *Attendee, Istanbul Bilgi University, İstanbul, Turkey*
2011	TPW: Tuscany Summer Workshops w/ Anders Petersen, *Attendee, TPW, Tuscany, Italy*

SKILLS AND ADDITIONAL INFORMATION

Software	Adobe Illustrator, Photoshop, InDesign, After Effects, Lightroom, Premiere Pro
	Processing, Arduino, Grasshopper
	Rhinoceros, Vray for Rhinoceros, T-Splines for Rhinoceros, SketchUp, KeyShot
Coding	Python, C, Java, JavaScript
Prototyping	ABB and KUKA Industrial Robot Programming and Operation,3D Printing, Laser Cutting/Engraving
Languages	Fluent in English and Turkish.

ADDITIONAL EXPERIENCE

Istanbul Jazz Festival| Istanbul, Turkey   July 2012
Production Crew Member

Istanbul Jazz Festival| Istanbul, Turkey   July 2011
Production Crew Member

Tanztheater Wuppertal by Pina Bausch "Nefes"| Istanbul, Turkey   Aug. 2010
Production Crew Member

Mummenschanz| Istanbul, Turkey   July 2010
Production Crew Member