Quinn Jones

Computer Scientist and Engineer
Seeking doctoral computer vision internships

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Programming

- Python
- C/C++
- BASH
- Tensorflow,Pytorch
- Java & Android
- LaTeX

Proficiencies

- **Deep Learning:**
- Classification
- Domain Adaptation
- Disentangled Representations
- GAN and VAE
- **VR:**
- HTC Vive & CAVE
- **ML Infrastructure:**
- AWS
- HpBandster

Education

2016 - Now	**PhD studies in Computer Science**	West Virginia University; Morgantown, WV

Study and Research with an emphasis on Computer Vision in video for action recognition and detection. GPA: 4.0

2011 - 2016	**Bachelor's Degrees in Computer Science and Computer Engineering**	West Virginia University; Morgantown, WV

Study and research including Software Engineering, Machine Learning, Computer Vision, Computer Graphics, and Mobile Medical Devices GPA: 3.89
Graduating Summa Cum Laude and Honors College Alumnus

Experience

05/16 - Now	**Ruby Distinguished Doctoral Research Fellow**	WVU

Performed independent research into Computer Vision methods in video domains, specifically issues of action recognition and realistic video generation of actions. Publication at NeurIps and ACCV.

05/16 - 08/16	**Independent Software Development Intern**	NASA IV&V Center

Researched and implemented techniques for validating communication protocols with deep space entities.

05/13 - 05/16	**Undergraduate Research Assistant**	WVU Sensory Neuroscience Research Center

Researched 3D visualization of tissues at the cellular scale, developed a novel Interactive Virtual Reality System published at IEEE 3DUI Symposium, research in automatic classifiers of neurons with computer vision

Publications

Dec. 2018	**Deep Supervised Hashing with Spherical Embedding**	ACCV 2018

S. Pidhorskyi, Q. Jones, S. Motiian, D. Adjeroh, and G. Doretto

Nov. 2017	**Few-Shot Adversarial Domain Adaptation**	NeurIps 2017

S. Motiian, Q. Jones, S. M. Iranmanesh, G. Doretto

Mar. 2014	**BrainTrek - An Immersive Environment for Investigating Neuroanal Tissue**	IEEE 3DUI-2014

M. Morehead, Q. Jones, J. Blatt, P. Holcomb, J. Schultz, T. DeFanti, M. Ellisman, G. Doretto, G. A. Spirou

Awards, Honors, and Activities

WVU's Ruby Distinguished Doctoral Fellowship — Hazel Ruby McQuain Charitable Trust
WVU's top fellowship awarded

Eta Kappa Nu Honorary Fraternity — Corresponding Secretary
Managed the membership invitations for new inductees
Automated the invitation emails through gmail integration

Other Fraternal Organizations — Active Member
Tau Beta Pi, since Fall 2014 and Upsilon Pi Epsilon,since Spring 2015

Volunteering — WellWVU Student Wellness Ambassador Team
Conduct peer-to-peer health education on topics from stress relief to safe drinking habits.