Abdullah Nazib

CONTACT INFORMATION	**PhD Candidate** Biomedical Data Science Lab, EECS Queensland University of Technology, Queensland-4000 *Email*: *abdullah.nazib@hdr.qut.edu.au* or *abdullah.nazib@gmail.com* Mob:+61-0457210230
RESEARCH INTEREST	**Computer Vision**, **Medical Imaging** High Resolution Image Registration, Multi-target tracking, Object detection and segmentation.
ACADEMIC QUALIFICATION	**PhD (Ongoing)** Biomedical Data Science Lab,(Under Data Science Discipline) School of Electrical Engineering & Computer Science Queensland University of Technology, Queensland-4000. Thesis Title: High Resolution Image Registration. **Master of Science in Electronics & Computer Engineering** Intelligent Image Media & Interfacing Lab Chonnam National University, Gwangju, South Korea. Graduated: February, 2015 CGPA: 4.06 (in the scale of 4.5) Thesis Title: *Multi Target Tracking with Context Consideration* **Bachelor of Science in Information & Communication Engineering** (October 2010) Islamic University, Kushtia, Bangladesh Division: 1st class Honors (62.88% marks) Position: 2nd out of 40 students
CONFERENCE AND WORKSHOP PUBLICATIONS	[1] **Abdullah Nazib,** Clinton Fookes, Dimitri Perrin,``Performance of Registration Tools on High-Resolution 3D Brain Images", accepted at 40th IEEE Engineering in Biology and Medicine Conference (EMBC), Hawaii, USA,2018. [2] **Abdullah Nazib,** Clinton Fookes, Dimitri Perrin, "Towards Extreme Resolution Image Registration with Deep-Learning ", IEEE International Symposium on Biomedical Imaging (ISBI 2019): Accepted.

[3] **Abdullah Nazib**, Chil-Woo Lee,"Data Association With Context Graph", accepted at 27th Workshop on Image Processing And Image Understanding, Jeju, Korea-2015.

[4] **Abdullah Nazib**, Chil-Woo Lee, "*Object Tracking by Particle Support*", 11th International Conference on Ubiquitous Robots and Ambient Intelligence-2014, Kuala Lumpur, Malaysia.

[5] **Abdullah Nazib**, Chi-Min Oh, CW Lee, "*Entropy Histogram Based PCA-SHIFT Feature Filtering*", 20th Korea-Japan Joint Workshop on Frontiers of Computer Vision, February, 2014, Okinawa, Japan.

[6] **Abdullah Nazib**, Chi Min Oh, CW Lee, "*Object Detection and Tracking at Night Time Video Surveillance*", 10th International Conference on Ubiquitous Robot and Ambient Intelligence, October,2013, Jeju, Korea.

[7] **Abdullah Nazib**, A.H.M Amimul Ahsan, Dr Mahbubur Rahman, "*Evaluation of Information Theory in Analyzing DNA Sequence*" has been published in International Journal of Computer And Information Technology,Vol:2 Issu:2, 2012, page-44-48

[8] **Abdullah Nazib**, Mahbubur Rahman,"*Simulation of Information Theoretic Basic Concepts in DNA Analysis*" International Conference on Electrical And Computer Engineering to be held on 20th December 2012, Dhaka, Bangladesh.

[9] Chi Min Oh, **Abdullah Nazib**, Hao Xu, Joopil Moon, Chil Woo Lee, "*Centralization Problem of Contacting Interaction in Multiple Object Tracking*", 21th Korea-Japan Joint Workshop on Frontiers of Computer Vision, February, 2015, Mokpu, Korea.

[10] Chi-Min Oh, **Abdullah Nazib**, CW Lee, "*Multi-Touch Tracking using MRF-Particle Filter*", Smart Media Conference, 2013, Iksan, Korea.

[11] AHM Amimul Ahsan, **Abdullah Nazib**, M.K Hasan, "*An Optimization of Optical Imaging System using Remote Sensing*" International Journal of Computer and Information Technology, Vol:2, Issue:2, 2012, page-45-52.

SHORT PRESENTATIONS	[1] **Abdullah Nazib**, "A new method of PCA-SHIFT Feature Filtering", 8th International Workshop on Robust Computer Vision, KAIST, Korea, 2014.
	[2] **Abdullah Nazib**, "Object Tracking by Observer Association", 8th Joint CNU-Gifu Symposium, Gwangju, Korea.

PROFESSIONAL EXPERIENCES

Sessional Academic
Queensland University of Technology
➢ Tutored Courses:
  ▪ IFN398: Project Management
  ▪ IFB102: Computer Technology Fundamentals

Research Engineer,
Robot Research Initiative (RRI),
Gwangju South Korea. (www.rri.re.kr)
(February 2015-February 2016)
➢ Duties & Responsibilities:
  ▪ Project Management in Medical Imaging
  ▪ Analyze, design and developing image registration tools for Femur bone fracture robot a joint venture with Hyundai Robotics.
  ▪ Designing, optimizing 2D-3D image registration algorithms.

➢ Project Works Conducted:
  ▪ 2D-3D image registration for bone surgery robots (MatLab and C++)
  ▪ Registration technique analysis tool development for X-Ray images (C++)
  ▪ **Optimization Tool Development: Gradient Descent, Conjugate Gradient, Simulated Annealing, Particle Swarm Optimization.**

Graduate Research Assistant, Image Media & Interfacing Lab (March 2013-February 2015)
➢ Duties & Responsibilities:
  ▪ Meeting Managers at the Lab
  ▪ Analyze and conduct research in computer vision
  ▪ Ensuring quality research through investigation and methodical analysis
➢ Project Works Conducted:
  ▪ Development of Police Gesture Recognition System Using Microsoft Kinect with Processing.

- Design A Human Tracking Framework for Night Time Using MatLab and C++.
- Multi Target Tracking Framework based on Supporter, Matlab and C++.
- Face Recognition Framework modeling by 2D-LDA
- Entropy Histogram Based Filter design for robust feature selection.

Lecturer, Dept. of Computer Science & Engineering, at Asian University of Bangladesh (October 2011-March 2013)

➢ Taught Courses:
- CSE-2418: Design & Analysis of Algorithm.
- CSE-1208: Programming Language & Application II.(C++)

➢ Lab:
- CSE-2418: Design & Analysis of Algorithm.
- CSE-1208: Programming Language & Application II.(C++)
- CSE-2312: Object Oriented Programming.(C#)

AWARDS & ACHIEVEMENTS	**QUT Post-Graduate Research Award 2016** **Excellence Top-Up Scholarship-2016** Queensland University of Technology. **Graduate Research Scholarship-2013,** Chonnam National University **Brain Korea 21 Plus(BK21)- 2013 and 2014.**
TECHNICAL SKILLS	Programming Languages: C,C++, C#.Net, MatLab, Python Toolkit: VTK. ITK, OpenCV, tensorflow. Preferred IDE: MS Visual Studio, Spyder. Operating System: Ubuntu 10.04 and Windows
LANGUAGE SKILL	**English** IELTS Score-6.5 Listening-6.5 Reading-7 Writing-6 Speaking-6.5 Toeic Score 805 Reading-385, Listening-420 **Korean** Advance intermediate in communicating including speaking, writing & understanding

REFERENCE	**Dr. Dimitri Perrin**
	Senior Lecturer, Data Science, EECS
	Queensland University of Technology.
	Email: dimitri.perrin@qut.edu.au

Clinton Fookes
Professor, Vision and Signal Processing
Queensland University of Technology.
Email: c.fookes@qut.edu.au

Chil-Woo Lee
Professor, Electronics and Computer Engineering
Chonnam National University, South Korea.
Email: leecw@chonnam.ac.kr

DECLARATION

I solemnly certify that all information stated in this resume is true and complete to the best of my knowledge. I authorize you to verify the information provided in this resume.

Sincerely Yours

Abdullah Nazib