

HASAN SERDAR ADALI

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Birthdate: 12.04.1988

Nationality: Turkish Citizen



Tuzla, Istanbul 34956

EDUCATION

MSc	Sabanci University, Computer Science & Engineering Advisor: Assoc. Prof. Dr. Selim Balcisoy, CGPA: 3.71/4.00	June 2012
BS	Middle East Technical University, Computer Engineering	June 2010
HS	Antalya Science School, 5.00/5.00	June 2006

JOURNAL PUBLICATIONS

- Ekrem Serin, Serdar Adali, Selim Balcisoy
Entropy Assisted Camera Navigation Using Travelling Salesman Problem
- Accepted journal at VRCAI 2011

CONFERENCE PUBLICATIONS

- Kamer Ali Yuksel, Sinan Buyukbas, Serdar Adali
Designing Mobile Phones using Silent Speech Input and Auditory Feedback
- Silver Medal at MobileHCI 2011 Design Competition
- Kamer Ali Yuksel, Serdar Adali
Prototyping Input Controller for Touch-less Interaction with Ubiquitous Environments
- Poster at MobileHCI 2011
- Ekrem Serin, Serdar Adali, Selim Balcisoy
Entropy Based Sensitivity Analysis and Visualization of Social Networks
- Proceedings CSW 2012

CURRENT RESEARCH PROJECTS

Virtual Reality & HCI

- Novel Emotional Interface in Telepresence
 - Using Kinect & Nvidia Physx SDK

Ubiquitous Environments

- Ubiquitous Environments for mobile devices using magnetic field
 - Using Optimization & Numerical Methods & Android

Visualization & Graphics

- New Ways to Visualize Large Amount of Spatio-Temporal Data Using Heat Map
 - Thesis subject

COMPUTER SKILLS

Programming: C / C++ / C#, Java, Matlab, Processing, SQL, Unix, GLSL, Cg, CUDA
Applications: Mobile(Android), Web(.NET,PHP)
Platforms: Visual Studio, Eclipse, Netbeans, Qt
Embedded: Arduino, PIC

HONORS AND AWARDS

Tubitak 1001 Research Project Scholar Information Visualization project supported by TUBITAK	2010-2012
Tuition Fee Waiver + Scholarship Academic success scholarship financed Sabanci University	2010-2012
National Student Selection Exam 1024 th place among 1.5 million student	2006

WORK EXPERIENCE

Sabanci University, Istanbul <ul style="list-style-type: none">• Introduction to Calculus, Fall 2010• Introduction to Computing, Spring 2011• Introduction to Computer Graphics, Fall 2011• Introduction to Computing, Spring 2012	Teaching Assistant, 2010 – Present
CreamCoding, Istanbul <ul style="list-style-type: none">• Mobile & Web Development• Check www.creamcoding.cc for more details	Co-Founder, 2011 - Present
Arabul Co., Istanbul <ul style="list-style-type: none">• Mobile Applications	Part Time Software Developer, 2010
SimBT, Ankara <ul style="list-style-type: none">• Graphics & HCI<ul style="list-style-type: none">◦ 3D effect without glasses• Computer Vision<ul style="list-style-type: none">◦ Head/ Tracking & Pattern Recognition using OpenCV	Part Time Software Developer, 2010
SimSoft, Ankara <ul style="list-style-type: none">• GIS Applications<ul style="list-style-type: none">◦ GUI with Qt	Intern, Summer 2008

LANGUAGES

English: Advanced <ul style="list-style-type: none">• TOEFL : 98 / 120	French: Intermediate	Spanish : Beginner
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OTHER

Accomplished violin player	Several medals in basketball tournaments
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REFERENCES

Available upon request

