



# Ádám Trenyik



06. November 1985, Budapest



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## PROFESSIONAL EXPERIENCE

**Morgan Stanley Magyarország Elemző Kft**

**2015.11-**

Morgan Stanley

**Perl developer and test automation responsible**

Job duties:

- Develop a firm wide used system in Perl, JavaScript, Ajax and Sybase
- Identify the necessary test levels
- Develop unit and component test environment for perl packages

**Software Engineer, Test Team Leader**

**2012.07.-2015.11**



Job duties:

- Developing one component of a dialysis machine following the Misra-C standards.
- Writing and planning Unit, Component and System Tests.
- Creating Test Plans for the different levels of software testing
- Develop and design a Component Test, Module Test, System Test framework and a KPI tool for that.
- Technical lead of cooperative students (4-5) and colleagues (2)

Used technologies:

- Linux/QNX
- AJAX
- websocket
- SQL, Perl, JavaScript
- Behavior Driven Development, Test Driven Development

**Nokia (Nokia Siemens Networks)**

**Software Engineer**

**2010 july – 2012 july**



- The testing part of my work:
  - Regression and iteration testing
  - Module and Functional Testing (White box and black box)
  - Functional Test Case plan writing
- The development part of my work:
  - Implementation Specification writing
  - Implementation in C and TNSDL
- The Innovation part:
  - Option Line Changer (AJAX, JavaScript, JQuery, MySQL, Perl)
  - iSearch: (JavaScript, AJAX, MySQL, Perl, JQuery)

- Stop Test Case (HIT macro)
- Message Flow Compare: (Perl, HTML)
- External consultant of a thesis (TTCN-3 macro generator) which has been written in Perl.
- Technical lead of cooperative students (4)

### Nokia (Nokia Siemens Networks)

#### Cooperative Student

2009 march – 2010 may



I helped to make a test automation system in Perl. My tasks were the followings:

- Server and Client over TCP/IP
- Connection Pool
- HTP(HashTransferProtocol): which simulates the TCP protocol
- Time Machine
- Documentation Generator

### University of Pannonia

2007-2009



#### Developer

- Black box testing the student's programs
- Develop the test environment

### Own Projects:

#### Irrigation automatization in agriculture

Self-controlled system based on sensors. The sensors and relays are controlled through Wi-Fi using RN-171 modules.

#### diakontroll.hu



Decision support system for people how have diabetes.



## EDUCATION

University of Pannónia

**Master of Engineering in Information Technology**

**2004-2010**

Balassi Bálint secondary-grammar school

**Mathematic, physics, computer studies spec.**

**1996-2004**



## LANGUAGE SKILLS

German – B2 Intermediate

English – B2 Intermediate speaker



## OTHER SKILLS AND COURSES

- ISTQB-CTFL – 2013
- Agile Testing Conference (2013, 2014)
- IIR - Software Testing Conference (2012, 2013)

- HUSTEF - 2013
  - Presenter at Test-tea meetup (2014 – September)
  - Presenter at Test-tea meetup (2015 – September)
  - Presenter at IIR - Software Testing conference (2015 – April)
  - Optional Conference (2014,2015)
  - ISO 62304
  - ISO 29119
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## KNOWN PROGRAMMING LANGUAGES AND TECHNOLOGIES

- Perl
  - C
  - AJAX
  - JavaScript
  - Websocket
  - SQL
  - Agile (scrum, kanban)
  - Waterfall
  - svn
  - git
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