

Kaska Miskolczi

GitHub: @stddef
www.iamkaska.com
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C & C++ Software Engineer

CV.



+1 (208) 699-8999

Personal Information

SKILLS

Polyglot
Systems Eng.
Software Dev.
Kernel Config.
DevOps SME
SAAS, PAAS & IAAS
Cloud Security
Network Security
Big Data & ML
Data Analysis
Illustration
Graphic Design
Managing Editor

English
Hungarian
C & C++
Bash/Shell
Objective-C
COCOA
Swift
HTML & CSS
JavaScript
TypeScript
PHP
MySQL
ALGOL
Fortran
Pascal
Lisp
Binary

LANGUAGES

Devising creative solutions to complex problems is my shtick.

My blend of artistic insight, critical thinking, and technical prowess, enables me to create engaging media experiences, while solving real- world complex problems for you and your clients.

Over the course of your search for a new team member, I doubt you'll find another candidate as passionate about designing sustainable software.

Should you wish to connect after reviewing my resume, please do not hesitate to reach out.

Regards,



EDUCATION

Self-Paced, Life
Online & Local Edu

Continued Education

Keeping up with libraries via documentation, guides course certificates, local colleges, etc

2009 - 2014
Bachelor of Arts

Florida Gulf Coast University

Philosophy and Artificial Intelligence, where my research & experience focused on the philosophy of learning/intelligence.

Professional Experiences

Creative Software Architect | Miskolczi Software Corp.

December 2015 - Present

Working with Clients to design & develop data visualization/administration portals, logistics and supply chain software, cloud integration APIs, and automation structures to assist in the creative and interactive process sequences revolving around the design, development and deployment of cloud-based software, services and similar end-point/transactional technologies.

- * Designed NFTS to HFSA & BTS file tool, increasing team productivity by 33%
- * Creating intelligent automation exts for UNIX to increase security by 41%
- * Developing kernel exts for Apple hardware & legacy 3rd party systems
- * Responsible for US-CERT CVE findings on behalf of our service providers
- * Utilizing React, Vue, Ionic, Angular & Node JavaScript libraries to create admin portals with regards to business data analysis.
- * Translating static software designs into functional prototypes with TypeScript, Vanilla JavaScript, jQuery and Angular 2
- * Creating Docker & Ansible servers, microprocessors & data centers for partners

Cloud Engineer with PEN Security Analysis | RelayHealth Pharmacy

July 2018 - October 2018

Responsible for designing, creating deploying, securing & maintaining cloud architecture for all of our big data enterprise transactional software.

- * Designed complete infrastructure transition from mainframe HPE to Azure Cloud
- * Led Multi-Factor Authentication via Python & SAASPASS with 58ms completion rate
- * Led initiatives for RSA key management automations & integrity
- * Responsible for US-CERT CVE findings on behalf of our service providers
- * Regularly connected with C-Suite & Attorneys developing vulnerability service providers
- * Responsible for creating strategy to remedy US-CERT CVE findings
- * Assisted in the research & discovery req. to gain two patents regarding cyber security

Senior User Interface Developer with Cyber | Booz Allen Hamilton

October 2017 - July 2018

Responsible for the layout, development, continuous deployment & integration, and unit-testing of over 15 business units across the firm over 3 continents; while leading team into new areas of digital marketing, cloud automation and cybersecurity.

- * Led Government clients through transitions from mainframe to Cloud architecture
- * Developed automation enhancements via machine code for system kernel configurations, intelligent deployments, automatic fail-over procedures and resource collections
- * Maintained legacy systems & their associated databases; including bug-fixes, optimizing scripts, & API libraries
- * Responsible for creation of customized code scanning tools via C++ and Perl libraries
- * Increased user engagement by over 70% with the upgrade of our data analysis & charting tools to Tableau and D3.JS
- * Saved firm & constituents nearly 20 million with implementation of ADA compliance
- * Saved firm & constituents over 1.5 billion with implementation of security standards and provided incidence response plans

<https://linkedin.com/in/stddef>

GitHub: @stddef

Professional Experiences

Systems Engineer with Marketing Design | FierceMarkets

February 2017 - November 2017

Responsible for the layout, development, continuous deployment & integration, and unit-testing of over 15 business units across the firm over 3 continents; while leading team into new areas of digital marketing, cloud automation and cybersecurity.

- * Led SEM/SEO plan for profitability via re-marketing and pay-per-click campaigns
- * Developed automation enhancements via machine code for system kernel configurations, intelligent deployments, automatic fail-over procedures and resource collections
- * Maintained legacy systems & their associated databases; including bug-fixes, optimizing scripts, & API libraries
- * Responsible for creation of code scanning tools via C++ and Perl/PHP library function-based unit-testing for all STAGE and PROD software groups

Webmaster & 3D Interactive Visual Effects | Florida SouthWestern State

April 2015 - November 2016

Played an integral role in college-wide design & development initiatives for all 4 campuses, within our website, visual effects, 3D interactive campus maps, ADA compliance, and cloud initiatives.

- * Led SEM/SEO plan for profitability via re-marketing and pay-per-click campaigns
- * Developed website, mobile applications, desktop software and 3D mapping applications
- * Saved college over 2 million via legacy & mainframe optimizations
- * Saved college nearly 33 million with the implementation of ADA compliance
- * Brought in nearly 45 million with architectural contracts via 3D renderings & pitches
- * Brought in nearly 12 million with animated VFX reels for sporting & performing arts

Associate Creative Director | B2B Studios

January 2013 - October 2016

Directly assisted C-Suite with proposals, grants, contracts, application design & development, winning new VFX clients, and the creation & implementation of cloud platforms.

- * Won contract(s) worth over 2 million for flight simulation adaptation software
- * Won contract(s) worth nearly 11 million for Siemens based mainframe processing software showcasing intelligent automation via machine driven camera & image processing
- * Responsible for creation of code scanning tools via C++ and Perl/Bash libraries function-based unit-testing for all STAGE and PROD software groups
- * Developed automation enhancements via machine code for system kernel configurations, intelligent deployments, automatic fail-over procedures and resource collections

Aircraft Weight & Balances Algorithmic Ass. | United Parcel Service

September 2012 - February 2013

Responsible for maintaining programmatic calculations for weight and balances of Boeing cargo planes at RSW hub.

- * Created binaries for documentation & recovery communication software for ground & flight personnel
- * Created life-saving incidence response plans for hazmat & F.O.D. procedures for aircraft
- * Created terminal program to automate timing of systems for flight tracking

<https://linkedin.com/in/stddef>

StackOvfl: @stddef

Language & Software Proficiencies

Behance: @stddef — <https://jsfiddle.net/stddef/apjh6c30>

```
<div class="languages"></div>
<style>ul {list-style-type: circle;}</style>

<script>
  let proficiencyHeader = {
    creative: "Creative Design | Featuring User Experience & Interaction, 10+ Years",
    embedded: "Embedded Systems & Admin w/ Continuous Integrations/Deployments | 5+ Years",
    strengthen: "Strengthening the Bond | Continual Pursuit"
  }

  let proficiencies = {
    language: ["Adobe Creative Suite", "Affinity Design Suite", "HTML", "CSS", "JavaScript", "JSON", "jQuery",
"D3js", "Nodejs", "AngularJS", "Silverlight", ".NET", "ASP.NET (razor/unity)", "XML", "PHP", "Laravel", "Drupal",
"CodeIgniter", "Rails", "WordPress", "Magento", "Joomla", "Shopify", "Sitecore", "SharePoint", "AmberCMS", "JetDB",
"MagnoliaCMS", "Python", "Objective-C", "Cocoa", "Frameworks", "Swift", "GoLang", "C++", "C#", "Ruby", "Haskell",
"Pascal", "OpenStack", "Unix", "MacOS", "WindowsOS", "Microsoft Azure", "Digital Ocean Droplets", "Docker",
"Ansible", "Terraform", "Linux/UNIX", "Scripting", "Management/Customizations via Kernel Ext. & Drivers",
"Binary", "XOR Algorithms", "RSA Automations & Key Management", "Network Recon", "DevOps", "ActionScript",
"ThreeJS", "CoffeeScript", "CakePHP", "Visual Basic", "Semiconductor-Transcriptors", "OracleDB", "MySQL", "I/O
Port Customizations", "Robtics", "Machine Languages", "Kubernetes", "ALGOL", "Ada", "Assembly", "C"],
    skillLevel: ["Beginner", "Intermediate", "Advanced", "Expert"]
  }

  let comma = '&nbsp;';
  let lister = '<ul>';
  let item = '<li>';
  let itemEnd = '</li>';
  let listerEnd = '</ul>';

  function resumeSection() {
    return proficiencyHeader.creative.bold() + '<br>' + lister + item + proficiencies.language[0] + comma
+ proficiencies.skillLevel[3].italics() + itemEnd + item + proficiencies.language[1] + comma + proficien-
cies.skillLevel[3].italics() + itemEnd + item + proficiencies.language[2] + comma + proficiencies.skill-
Level[3].italics() + itemEnd + item + proficiencies.language[3] + comma + proficiencies.skillLevel[3].italics() +
itemEnd + item + proficiencies.language[4] + comma + proficiencies.skillLevel[2].italics() + itemEnd + item +
proficiencies.language[5] + comma + proficiencies.skillLevel[3].italics() + itemEnd + item + proficiencies.lan-
guage[6] + comma + proficiencies.skillLevel[3].italics() + itemEnd + item + proficiencies.language[7] + comma
+ proficiencies.skillLevel[2].italics() + itemEnd + item + proficiencies.language[8] + comma + proficien-
cies.skillLevel[2].italics() + itemEnd + item + proficiencies.language[9] + comma + proficiencies.skill-
Level[2].italics() + itemEnd + item + proficiencies.language[10] + comma + proficiencies.skillLevel[2].italics() +
itemEnd + item + proficiencies.language[11] + comma + proficiencies.skillLevel[1].italics() + itemEnd + item +
proficiencies.language[12] + comma + proficiencies.skillLevel[1].italics() + itemEnd + item + proficiencies.lan-
guage[13] + comma + proficiencies.skillLevel[3].italics() + itemEnd

    // Please visit my JS Fiddle via https://jsfiddle.net/stddef/apjh6c30/ for more

    + listerEnd;
  }

  document.querySelector(".languages").innerHTML = resumeSection();
</script>
```

Language & Software Proficiencies

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h>

char userDialogue[[270]] = {
    {"Szia! Welcome to my skills list, presented to you in C! :)\n"},
    {"Please select from one of the menu options below to continue:\n\n"},
    {"Alrighty then, have a great day!"},
    {"Awesome! That's great news! Please check out my website for contact info and design samples! :-)"},
};

char sendOff[[54]] = {
    {"Marvellous Monday"},
    {"Terrific Tuesday"},
    {"Wonderful Wednesday"},
    {"Thrilling Thursday"},
    {"Fabulous Friday"},
    {"Satisfying Saturday"},
    {"Stupendous Sunday"},
    {"Shabbat Shalom"}
};

char stdSelections[[108]] = {
    {"[0] Exit"},
    {"[1] Subject Area"},
    {"[2] Language"},
    {"[3] Skill Levels"},
    {"[4] Search with Keyword"},
    {"[5] View All"},
    {"[6] Go Back"},
    {"[7] Contact Kaska"}
};

char proficiencies[[270]] = {
    {"Creative Design | Featuring User Experience & Interaction, 10+ Years"},
    {"Embedded Systems & Admin w/ Continuous Integrations/Deployments | 5+ Years"},
    {"Strengthening the Bond | Continual Pursuit"}
};

char proficientLanguages[[54]] = {
    {"Adobe Creative Suite"},
    {"Affinity Design Suite"},
    {"HTML"},
    {"CSS"},
    {"JavaScript"},
    {"JSON"},
};

// TODO: Check out the rest of this program via https://onlinegdb.com/BkdOW\_obs
};
```