Daniel Agafonov

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EDUCATION

California State University, Sacramento　　　　　　**Expected Graduation: December, 2025**
Bachelor of Science in Computer Science　　　　　　*GPA: 3.8*

Sierra College　　　　　　**Jan 2022 – Dec 2023**
Computer Science Major, transferred to CSUS　　　　　　*GPA: 3.9*

TECHNICAL SKILLS

Programming Languages: Java, Python, Javascript, TypeScript, ARM Assembly, HTML, CSS, C, C++, LaTeX, JSON, XML, YAML, Markdown

Libraries & Tools & Database Management: Node.js, Express.js, OpenGL (GLFW), Thymeleaf, Discord.py, PASCO Capstone, SciDAVis, 11ty, MySQL, MongoDB, SQLite

Cloud Services & Web Hosting: AWS, Cloudflare, Google Cloud, Nginx, Render, Heroku, Netlify

Version Control & Design/Visual Tools: Git, Github, Bitbucket, Figma, Canva, GIMP, Davinci Resolve, Photoshop

Fluent Languages: English and Russian

PROFESSIONAL EXPERIENCE

Full Stack Web Developer　　　　　　**August 2024 – Present**
Various Clients
- Built and serviced several websites ranging from construction companies to churches that included full front/back end.
- Utilized various hosting services such as AWS, Netlify, and Heroku to deploy websites.

Audio/Video/IT Volunteer Specialist　　　　　　**Jan 2017 – Present**
Second Slavic Baptist Church　　　　　　*Sacramento , CA*
- Developed an integrated AV system to manage data across multiple platforms in a cost effective manner
- Collaborate with cross-functional teams to ensure seamless production.
- Manage a team of over a dozen volunteers, providing training and leadership to maintain operational excellence.

VolunteerLink　　　　　　**Jan 2024 – Jun 2024**
Volunteer Management System commissioned by Sacramento State University　　　　　　*Java, Thymeleaf, MongoDb*
- Developed a full-stack website enabling volunteers to sign up for events, streamlining volunteer coordination.
- Led a team of 6 developers using the SCRUM methodology, ensuring timely delivery and client satisfaction.
- Utilized MongoDB to securely store and efficiently access user and event information.

CS & Math Club Leader　　　　　　**Jan 2022 – Dec 2023**
Sierra College　　　　　　*Rocklin, US*
- Co-Led the Computer Science Club working to improve programming skills and gain connections to job opportunities and internships for aspiring students.
- Organized CS competitions to with intent to improve high level problem solving skills.

Java & AP Java Tutor
High School
- Tutored AP CS students where the students I helped received an average of a 50% increase in exam scores.
- Created an online community that has over 7000 students and helpers with a goal to encourage students to pursue Computer Science and improve their skills.

PROJECTS

FULL PROJECT PORTFOLIO AVAILABLE AT DANAGAFONOV.INFO

Alan da Frog　　　　　　**Aug 2018 – Present**
Moderator tool for Discord　　　　　　*Python, Discord.py, Raspberry PI*
- Built a system which I was able to optimize to run on a Raspberry Pi
- Optimized code to handle and actively moderate over 800 Discord servers, maintaining a safe and organized online community.
- Implemented pre-trained models using Azure for facial recognition

ProPresenter Custom Bible　　　　　　**July 2024 – Present**
Tool to Import Custom Bibles Into Propresenter　　　　　　*Python, JSON, Parsing*
- Reverse-engineered ProPresenter's Bible storage format and successfully integrated custom Bible translations
- Developed a cross-platform automation script to download and convert Bible translations to ProPresenter's RVBible format