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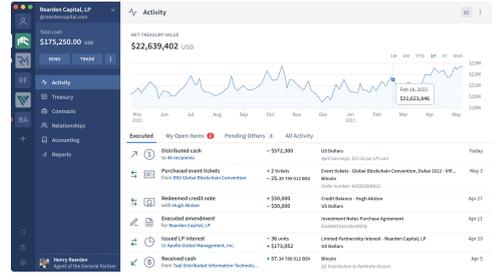
{
  "name": "David Binns",
  "overview": "I am a full-stack JS developer enthusiastic to create solutions using my extensive experience in the browser and Node.js",
  "contact": {
    "email": "dbinns.web+cv@gmail.com",
    "phone": "+447919445300"
  },

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"employment": [
  {
    "name": "Tokenized",
    "when": ["2021-06-06", "current"],
    "role": "Senior full stack engineer for a blockchain asset tokenization platform",
    "experience": {
      "node.js": "Creating a new Node.JS management tool in AWS Lambda",
      "golang": "Contributing to an API written in GO running in AWS Lambda and ECS",
      "oauth": "Creating an OAuth provider and clients",
      "react-query": "Connecting an API to a user interface with React Query",
      "devops": "Implementing a new Github CI pipeline and deployed new stacks in AWS with CloudFormation",
      "testing": "Building an end-to-end browser based test automation framework",
      "billing": "Integrating Stripe to provide customer billing",
      "react": "Creating components and custom hooks for an Electron desktop application",
      "performance": "Optimizing performance of historical data visualisation",
      "mobile": "Prototyping a new React mobile app to hold cryptographic keys",
      "cryptography": "Implementing key derivation, signing and key management",
      "blockchain": "Creating a public web based transaction protocol decoder"
    }
  },

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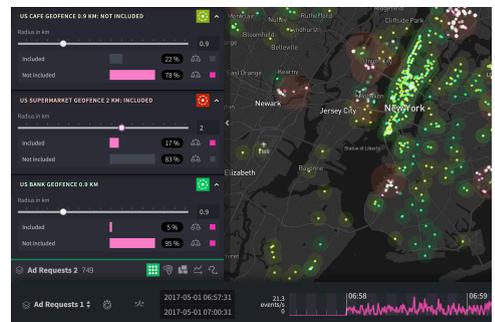
}, {
  "name": "CMR Surgical",
  "when": ["2020-09-07", "2021-01-08"],
  "role": "Senior software engineer in the Data team",
  "experience": {
    "javascript": "Developing a UI for exploring trends in quality metrics",
    "python": "Implementing OpenAPI documented APIs using FastAPI",
    "jupyter": "Rapid prototyping and building consensus for quality metrics"
  }
},

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}, {
  "name": "GeoSpock",
  "when": ["2016-11-21", "2020-08-31"],
  "role": "Principal software engineer for visualisation of geospatial big data",
  "experience": {
    "javascript": "Developing with cutting edge JavaScript using Babel to ensure browser compatibility",
    "react": "Developing a complex modularised React user interface driven by Redux",
    "webgl": "Authoring and optimizing shaders for use in map rendering",
    "node.js": "Architecting a REST and GraphQL service hosted in AWS",
    "team": "Working in scrum teams and individually, using pull requests and code reviews"
  }
},

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}, {
  "name": "Hive (AlertMe / Centrica)",
  "when": ["2011-01-17", "2016-11-11"],
  "role": "Senior web software engineer",
  "experience": {
    "vcs": "Leading the migration from subversion to git",
    "javascript": "User interface engineering with jQuery",
    "network": "Debugging at the packet level on embedded hardware and in the cloud"
  }
}

```



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}, {
  "name": "Node.js and J2ME contracting",
  "when": ["2010-11", "2010-12"],
  "role": "Developing a Node.js server side application and J2ME client application"
}, {
  "name": "European Bioinformatics Institute",
  "when": ["2001-11-01", "2010-10-31"],
  "role": "Senior Software Engineer - web development, InterPro and GOA projects",
  "experience": {
    "java": "Database access, servlet and graph visualisation",
    "javascript": "Interactive database browsing in HTML and SVG",
    "oracle": "Optimizing database access for real time queries and batch processing"
  }
}, {
  "name": "Unigraphics",
  "when": ["2001-06", "2001-10"],
  "role": "Working on a web front end for product data management software, in C++ and JavaScript"
}, {
  "name": "Apama",
  "when": ["2001-02", "2001-05"],
  "role": "Working in Java and SQL to develop location aware applications"
}, {
  "name": "International Nepal Fellowship",
  "when": ["2000-11", "2001-02"],
  "role": "Volunteering in Nepal with a Christian development organisation"
}
],
"education": [
  {
    "name": "BA, MMath, Mathematics, Queens' College, Cambridge University",
    "when": ["1996", "2000"],
    "result": "II.1, Merit"
  }, {
    "name": "Hymers College, Hull",
    "when": ["1989", "1996"],
    "result": "10 GCSEs at grade A/A*, 5 A-levels at grade A"
  }
]
},
"about": {
  "volunteering": "I am a Christian and volunteer with Friends International to run events to welcome international students to Cambridge",
  "recreation": "I enjoy recreational programming and have been mostly working in JavaScript on the web and on NodeJS on Linux. My house heating system runs on Raspberry Pis with software I have written."
},
"links": {
  "JSON": "https://cv.davidb.uk/CV.json",
  "PDF": "https://cv.davidb.uk/CV.pdf",
  "HTML": "https://cv.davidb.uk/",
  "Github": "https://github.com/dwbinns/cv"
},
"version": "2024-09-24 14:08"
}

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